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#	2017	
382	F. Leberl <i>Vom digitalen Bild zum Maschinellen Sehen</i> ; <a href="https://austria-forum.org/af/Wissenssammlungen/Essays/IT_Entwicklungen_der_letzten_Jahrzehnte/Leberl">https://austria-forum.org/af/Wissenssammlungen/Essays/IT_Entwicklungen_der_letzten_Jahrzehnte/Leberl</a> (September 2017)	<a href="#">Full Text</a>
381	Stuart I. Granshaw, Ian Dowman, Wolfgang Förstner, Christian Hoffmann, Franz Leberl, Stewart Walker, <i>Editorial: Photogrammetry and Industry</i> . The Photogrammetric Record 32(158): 74–92 (June 2017)	<a href="#">Full Text</a>
2015		
380	M. Kroepfl, M. Gruber; M. Ponticelli; S. Lawler; J. Bauer; F. Leberl; K. Karner; Z. Cosic; H. Hegenbarth; G. Kimchi; J. Curlander (2015) <i>Three-dimensional Image Capture System for Imaging Building Facades Using a Digital Camera, a Near-Infrared Camera, and Laser Range Finder</i> . Submitted for approval as a Continuation-in-Part of US Patent # 9,091,755, 35 pages.	<a href="#">Full Text</a>
2014		
379	F. Leberl <i>10<sup>18</sup> -- Ein virtuelles 3D Modell der Welt</i> , in "Nachhaltige Entwicklungen an der TU Graz und ihre Initiatoren -- Eine Vortragsreihe zum 200 jährigen Jubiläum der TU Graz", a 412-page book published by Forum Technik und Gesellschaft, Verlag der Technischen Universität Graz; available from alumniTUGraz 1887; pp. 294-319.	<a href="#">Full Text</a>
378	F. Leberl <i>Vom virtuellen 3D Modell der Welt zum visuellen Rechnen</i> , Einleitung des Beitrages des Instituts für Maschinelles Sehen und Darstellen in "Nachhaltige Entwicklungen an der TU Graz und ihre Initiatoren -- Eine Vortragsreihe zum 200 jährigen Jubiläum der TU Graz", a 412-page book published by Forum Technik und Gesellschaft, Verlag der Technischen Universität Graz; available from alumniTUGraz 1887; pp. 292-293.	<a href="#">Full Text</a>
377	F. Leberl, M. Gruber <i>Über Innovationen in der [Luft-] Bildmessung</i> , VGI - Österreichische Zeitschrift für Vermessung und Geoinformation, Austrian Society for Surveying and Geoinformation, Schiffamtsgasse 1-3, A-1020 Vienna, 102 <sup>nd</sup> Volume, Issue 4/2014 , pp. 165-185	<a href="#">Full Text</a>
2013		
376	Bischof H., F. Leberl (2013) <i>Digital Image Processing</i> . Chapter 5, p. 451-516, Manual of Photogrammetry, 6th Edition. J.C. McGlone (Editor). Am Society for Photogrammetry and Remote Sensing. 1318p.	<a href="#">Full Text</a>
375	F. Leberl (2013) <i>The Virtual Centimeter World Model</i> . In.Buchroithner M., Prechtel N. and Burghardt Dirk (eds.): "Cartography from Pole to Pole" - Selected Contributions to the XXVIth International Conference of the ICA, Dresden 2013. Lecture Notes in Geoinformation and Cartography LNG&C, Subseries Publications of the International Cartographic Association (ICA), 2013, Springer, Berlin Heidelberg, pp. 217-232	<a href="#">Full Text</a>
2012		
374	M. Recky, F. Leberl, A. Ferko (2012) <i>Multi-View Random Fields and Street Side Imagery</i> . Proceedings of WSCG -- International Conference in Central Europe on Computer Graphics, Visualization and Computer Vision. Journal of WSCG, Vol. 20, Nr. 2, pp. 137-146	<a href="#">Full Text</a>
373	Pinz, A.; Pock, Th.; Bischof, H.; Leberl, F. (Eds., 2012) <i>Pattern Recognition</i> . Springer Lecture Notes in Computer Science, Vol. 7476. Proceedings of the Joint 34th DAGM and 36th OAGM Symposium, Graz, Austria, August 28-31, 2012, 510 p.	<a href="#">Full Text</a>
372	F. Leberl, M. Gruber, M. Ponticelli, A. Wiechert (2012) <i>The UltraCam Story</i> . Intl. Archives for Photogrammetry, Remote Sensing and Spatial Information Sciences, Vol. XXXIX-B1, pp 39-44.	<a href="#">Full Text</a>
371	M. Kröpfl, D. Buchmüller, F. Leberl (2012) <i>Online Maps And Cloud-Supported Location-Based Services Across A Manifold of Devices</i> .ISPRS Annals for Photogrammetry, Remote Sensing and Spatial Information Sciences, Vol. I-4, 151-156.	<a href="#">Full Text</a>
370	W. Walcher, F. Leberl, M. Gruber (2012) <i>The Microsoft Global Ortho Program</i> . ISPRS Annals for Photogrammetry, Remote Sensing and Spatial Information Sciences Vol. I-4, pp 53-58	<a href="#">Full text</a>
369	P. Meixner, A. Wendel, F. Leberl, H. Bischof (2012) <i>Building Façade Separation in Vertical Aerial Images</i> . ISPRS Annals for Photogrammetry, Remote Sensing and Spatial Information Sciences, Vol. I-3, 239-243.	<a href="#">Full Text</a>
368	A. Wendel, C. Hoppe, H. Bischof, F. Leberl (2012) <i>Automatic Fusion of Partial Reconstructions</i> . ISPRS Annals for Photogrammetry, Remote Sensing and Spatial Information Sciences, Vol. I-3, pp 81-86.	<a href="#">Full text</a>
367	Leberl F., P. Meixner, A. Wendel, A. Irschara (2012) <i>Automated Photogrammetry for 3D Models of Urban Spaces</i> . Optical Engineering, 51, 021117 (2012), DOI:10.1117/1.OE.51.2.021117 [12 pages]	<a href="#">Full text</a>
2011		
366	Leberl F., M. Gruber, M. Ponticelli. Enhancing Digital Images Using Secondary Optical Systems. [Continuation in part of US Patent 7,859,572], US Patent 8,063,941, issued 2011	<a href="#">Full text</a>

365	P. Meixner, F. Leberl, and M. Brédif, „3D Roof Details by 3D Aerial Vision“, in IEEE International Conference for Computer Vision (ICCV)/ ISPRS Workshop on Computer Vision for Remote Sensing of the Environment CVRS11, 7-Nov-2011, 2011.	<a href="#">Full text</a>
364	P. Meixner and F. Leberl, „3-Dimensional Building Details from Aerial Photography for Internet Maps“, Remote Sensing, vol. 3, p. 721-751, 2011.	<a href="#">Full text</a>
363	P. Meixner and F. Leberl, „Detecting Occlusions in Façade Interpretation from Vertical Aerial Images“, in Annual Convention of the American Society of Photogrammetry and Remote Sensing [ASPRS], Milwaukee, ASPRS Proceedings on Unpaginated CD, 2011.	<a href="#">Full text</a>
362	F. Leberl, „Ehrenpromotion von Wolfgang Förstner an der Technischen Universität Graz“, VGI Oesterreichische Zeitschrift fuer Vermessung und Geoinformation, vol. 3, 2011, pp 251-257.	<a href="#">Full text</a>
361	M. Recky, A. Wendel, and F. Leberl, „Façade Segmentation in Multi-View Scenario“, in International Conference on 3D Imaging, Modeling, Processing, Visualization and Transmission [3DIMPVT 2011], Hangzhou, PR China, IEEE Computer Society Proceedings, 2011, p. 358-365.	<a href="#">Full text</a>
360	P. Meixner, F. Leberl, and M. Brédif, „Interpretation of 2D and 3D Building Details on Facades and Roofs“, PIA 2011 Conference on Photogrammetric Image Analysis, Munich, October 5-7, International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences 38 (3/W22) pp. 137-142 (2011)	<a href="#">Full text</a>
359	P. Meixner, F. Leberl, and M. Brédif, „Planar Roof Segments from Aerial Photogrammetry“, in 19th ACM-SIGSPATIAL Intl. Conf. on Advances in Geographic Information Systems, San Jose, November 1-4, Proceedings available from ACM., p. 9-15, (2011)	<a href="#">Full text</a>
<b>2010</b>		
358	Leberl F., M. Gruber, M. Ponticelli. Enhancing Digital Images Using Secondary Optical Systems. US Patent 7,859,572 [The "Knick-" Optical System]	<a href="#">Full text</a>
357	F. Leberl, H. Bischof, T. Pock, A. Irschara, and S. Kluckner, „Aerial Computer Vision for a 3D Virtual Habitat“, IEEE Computer, vol. 43, no. 6, p. 24-31, 2010.	<a href="#">Full text</a>
356	T. Nguyen, S. Kluckner, H. Bischof, and F. Leberl, „Aerial Photo Building Classification by Stacking Appearance and Elevation Measurements“, in Symposium of Commission VII of the ISPRS „ 100 Years ISPRS, Vienna, Austria, 2010, Wagner W., Székely, B. (eds.): Archives of the ISPRS., vol. XXXVIII, Part 7A , p. 169-174.	<a href="#">Full text</a>
355	P. Meixner and F. Leberl, „Augmented Internet Maps with Property Information from Aerial Imagery“, in 18th ACM-SIGSPATIAL Intl. Conf. on Advances in Geographic Information Systems, San Jose, November 3-5, 2010, Proceedings available from ACM., p. 406-409.	<a href="#">Full Text</a>
354	P. Meixner and F. Leberl, „Characterizing Building Façades from Vertical Aerial Images“, in Symposium of Commission III of the ISPRS, Paris, France, 2010, Archives of the ISPRS., vol. XXXVIII, Part 3B, p. 98-103.	<a href="#">Full Text</a>
353	M. Kroepfl, M. Gruber; M. Ponticelli; S. Lawler; J. Bauer; F. Leberl; K. Karner; Z. Cosic; H. Hegenbarth; G. Kimchi; J. Curlander (2010), „Data Capture System“, US Patent # 9,091,755 [Allowed in July 2015 with the new title "Three-dimensional Image Capture System for Imaging Building Facades Using a Digital Camera, a Near-Infrared Camera, and Laser Range Finder"]	<a href="#">Full Text</a>
352	P. Meixner and F. Leberl, „Describing Buildings by 3-Dimensional Details Found in Aerial Photography“, in Symposium of Commission VII of the ISPRS „ 100 Years ISPRS, Vienna, Austria, 2010, Wagner W., Székely, B. (eds.): Archives of the ISPRS., vol. XXXVIII, Part 7A.	<a href="#">Full text</a>
351	P. Meixner and F. Leberl, „Framework to automatically characterize real property using high resolution aerial images“, in Annual Convention of the American Society of Photogrammetry and Remote Sensing, Milwaukee, USA, 2010, Proceedings on an Unpaginated DVD.	<a href="#">Full text</a>
350	P. Meixner and F. Leberl, „From Aerial Images to a Description of Real Properties: A Framework“, in VIS/ GRAPP International Conference on Computer Vision Theory and Applications, Angers, France, 2010, Proceedings., p. 283 - 291.	<a href="#">Full text</a>
349	F. Leberl, „Human Habitat Data in 3D for the Internet“, in Computer Vision, Imaging and Computer Graphics: Theory and Applications „ International Joint Conference, VISIGRAPP 2009, Lisboa, Portugal, February 5-8, 2009, Springer Communications in Computer and Information Science (CCIS)., vol. 68, A. Ranchordas, M. J. Pereira, H. J. Araújo, and J. M. R. S. Tavares, Eds. 2010, p. 3-17.	<a href="#">Full text</a>
348	P. Meixner and F. Leberl, „Interpreting Building Façades from Vertical Aerial Images Using the Third Dimension“, in Symposium of Commission IV of the International Society for Ptoqrammetry and Remote Sensing [ISPRS], Florida, 2010, M. Madden (ed): Archives of the ISPRS., vol. XXXVIII, Part 4.	<a href="#">Full text</a>
347	F. Leberl and B. Markus, in Hungarian „Épületek háromdimenziós modellezése az interneten“, Geodézia és Kartografia, vol. 62, no. 2010/2, 2010, pp. 10-17	<a href="#">Full text</a>
346	F. Leberl and B. Markus, in English „Modeling the Human Habitat in 3D for the Internet“, Geodézia és Kartografia, vol. 62, no. 2010/2, 2010, pp. 10-17	<a href="#">Full text</a>
345	M. Recky and F. Leberl, „Multi-View Image Interpretation for Street-Side Scenes“, in IASTED Conference on Computer Graphics and Imaging CGIM 2010, Innsbruck, 2010, A.D. Sappa (Editor): Proceedings., p. 48-54.	<a href="#">Full text</a>
344	F. Leberl, „Neo-Geodäsie und ein immersives Exabyte Weltmodell im Internet“, VGI Zeitschrift für Vermessung und Geoinformation , vol. 98, no. 3, p. 143-152, 2010.	<a href="#">Full text</a>
343	F. Leberl, A. Irschara, T. Pock, P. Meixner, M. Gruber, S. Scholz, A. Wiechert (2010) <i>Point Clouds: LIDAR versus 3D Vision</i> , Photogrammetric Engineering and Remote Sensing, vol. 76, p. 1123-1134, 2010.	<a href="#">Full text</a>
342	F. Leberl, „Time for Neo-Photogrammetry“ GIS Development, vol. 14, no. 2, p. 22-24, 2010.	<a href="#">Full text</a>

341	Irschara, V. Kaufmann, M. Klopschitz, H. Bischof, and F. Leberl, „Towards Fully Automatic Photogrammetric Reconstruction Using Digital Images Taken From UAVs“, in Symposium of Commission VII of the ISPRS „100 Years ISPRS, Vienna, Austria, 2010, Wagner W., Székely, B. (eds.): Archives of the ISPRS., vol. XXXVIII, Part 7A, p. 65-70	<a href="#">Full text</a>
340	M. Gruber and F. Leberl, „UltraCam: Digital Large Format Aerial Frame Camera System“, in Digital Airborne Camera: Introduction and Technology, Springer Science and Business Media, R. Sandau, Ed. 2010, p. 313-332.	<a href="#">Full text</a>
339	P. Meixner and F. Leberl, „Vertical- or Oblique Imagery for Semantic Building Interpretation“, in Dreiländertagung OVG, DGPF und SGPF, Vienna, Austria, July 1-3, 2010, G. Kohlhofer, M. Franzen (Eds.) Publ. der Deutschen Ges. für Photogrammetrie, Fernerkundung und Geoinformation e.V., vol. 19, p. 247-256.	<a href="#">Full text</a>
338	M. Recky and F. Leberl, „Window detection in complex facades“, in European Conference on Visual Information Processing EUVIP, Paris, July 1-5, 2010, Proceedings published on an unpaginated DVD.	<a href="#">Full text</a>
337	M. Recky and F. Leberl, „Windows Detection Using K-means in CIE-Lab Color Space“, in International Conference on Pattern Recognition ICPR, Istanbul, 2010, Proceedings., p. 356-360.	<a href="#">Full text</a>

### 2009

336	A. Goller and F. Leberl, <i>Radar Image Processing with Clusters of Computers</i> , IEEE A&E Systems Magazine, vol. 24, no. 1, p. 18 - 22, 2009.	<a href="#">Full text</a>
335	F. Leberl and M. Gruber, „3d-Models of the Human Habitat for the Internet“, in International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications [Visigrapp-2009], Lisbon, Portugal, 2009, Published by INSTCC-Portugal., vol. IS, p. 7-15.	<a href="#">Full text</a>
334	F. Leberl and M. Gruber, „Aufbau und Nutzung einer virtuellen Erde im Internet“, VGI Zeitschrift für Vermessung und Geoinformation [Special Issue for the 10th Österreichischer Geodätentag Schladming], no. 3, p. 359-370, 2009.	<a href="#">Full text</a>
333	S. Kluckner, F. Leberl, and H. Bischof, „Collection, Processing and Augmentation of VR Cities“, in Photogrammetric Week '09, Wichmann Verlag Heidelberg., D. Fritsch, Ed. 2009, p. 251-263.	<a href="#">Full text</a>
332	G. Schall, D. Schmalstieg, and F. Leberl, „Einsatz von Mixed Reality in der mobileren Leitungsauskunft“, in 15. Geodaetische Woche, Obergurgl, Tyrol, 2009, Wichmann-Verlag., p. 131-138.	<a href="#">Full text</a>
331	A. Irschara, C. Zach, H. Bischof, and F. Leberl, „Kollaborative 3D Rekonstruktion von urbanen Gebieten“, in 15. Geodaetische Woche, Obergurgl, Tyrol, 2009, Wichmann-Verlag., p. 198-201.	<a href="#">Full text</a>
330	S. Kluckner, G. Pacher, H. Bischof, and F. Leberl, „Objekterkennung in Luftbildern mit Methoden der Computer Vision durch kombinierte Verwendung von Redundanz, Farb- und Höheninformation“, in 15. Geodaetische Woche, Obergurgl, Tyrol, 2009, Wichmann-Verlag., p. 202-205.	<a href="#">Full text</a>
329	F. Leberl and M. Gruber, „Ortsbewusstsein im Internet „ von 2-dimensionalen Navigationshilfen zur 3-dimensionalen Mixed Reality“, in 15. Geodaetische Woche, Obergurgl, Tyrol, 2009, Wichmann-Verlag., p. 67-79.	<a href="#">Full text</a>
328	M. Recky and F. Leberl, „Semantic Segmentation of Street-Side Images“, in Annual Meeting of the Austrian Association for Pattern Recognition [AAPR/OEAGM], Stainz, Austria, 2009, Books@ocg.at, Edited by P. Roth, T. Mautner, T. Pock., vol. 254, p. 273-282.	<a href="#">Full text</a>
327	F. Leberl, M. Gruber, and A. Wiechert, „Speculative Comparison of Laser-Scanning and 3D-Photogrammetry“, in 14th Münchner Fortbildungsseminar Geoinformationssysteme [Runder Tisch GIS e.V.], 2009, Proceedings:M. Schilcher (ed.), Munich Technical University, Fachgebiet Geoinformationssystem.	<a href="#">Full text</a>

### 2008

326	Gruber, Michael A., Leberl Franz W.; Ponticelli Martin (2008) <i>Large Format Camera System with Multiple Coplanar Focussing Systems</i> . Patent Filed: March 7, 2006; Issued: March 4, 2008, US Patent # 7,339,614	<a href="#">Full text</a>
325	F. Leberl [2007] <i>Über die Zukunft der Informatik</i> . Contribution to "30 Years of Informatics at Graz University of Technology", organized by H. Maurer, Graz University of Technology, 8 pages	<a href="#">Full text</a>
324	F. Leberl, „Locational Awareness of the Internet“, in Visual Information Systems, Springer Lecture Notes in Computer Science; Vol. 5188, 2008, p. 5-5	<a href="#">Full text</a>
323	F. Leberl, S. Kluckner, G. Pacher, H. Grabner, H. Bischof, and M. Gruber, „Recognizing Cars in Aerial Imagery to Improve Orthophotos „ B“, in Annual Convention of the American Society for Photogrammetry and Remote Sensing [ASPRS], 2008, Digitally published on an unpaginated CD.	<a href="#">Full text</a>
322	M. Gruber, M. Ponticelli, S. Bernoegger, and F. Leberl, „UltraCamX, the Large Format Digital Aerial Camera System by Vexcel Imaging / Microsoft“, in 21st International Congress on Photogrammetry and Remote Sensing [ISPRS], Beijing, PR China, 2008, International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences., vol. XXXVII, no. B1, p. 665-670.	<a href="#">Full text</a>

### 2007

321	F. Leberl, M. Gruber <i>About Frame versus Push-Broom Aerial Cameras</i> . Microsoft Technical Report, available from Microsoft Photogrammetry,8010 Graz. 36 pages	<a href="#">Full text</a>
320	F. Leberl, „Die automatische Photogrammetrie für das Microsoft Virtual Earth System“, in 14. Geodaetische Woche, Obergurgl, Tyrol [Austria], 2007, Wichmann-Verlag., p. 200-208.	<a href="#">Full text</a>

319	F. Leberl, H. Bischof, H. Grabner, and S. Kluckner, „Recognizing Cars in Aerial Imagery to Improve Orthophotos „A“, in 15th Annual ACM International Symposium on Advances in Geographic Information Systems [ACM-GIS '07], Seattle, USA, 2007, ACM-Proceedings., p. 2-10.	<a href="#">Full text</a>
<b>2006</b>		
318	F. Leberl and M. Gruber, „Advancing the Digital Photogrammetric Workflow“, in GeoBrasil 2006, Sao Paulo, Brasil, 2006.	<a href="#">Full text</a>
317	M. Gruber, F. Leberl and M. Ponticelli, <i>Self-Calibrating Digital Large Format Camera with Single or Multiple Detector Arrays and Single or Multiple Optical Systems</i> . US Patent 7,009,638. Applied 2002. Issued March 2006	<a href="#">Full text</a>
316	F. Leberl and M. Gruber, „Innovating the Photogrammetric Workflow“, in Map Asia 2006, Queen Sirikit National Convention Center, Bangkok, Thailand, 2006. Also Podbanske, Slovakia, October 2005, 11 pages.	<a href="#">Full text</a>
<b>2005</b>		
315	F. Leberl and K. Karner, „Mobile Mapping And Computer Vision For Generation Of 3d Site Models“, in <i>Recording, Modeling and Visualization of Cultural Heritage</i> , Taylor and Francis Publishers., E. Baltasavias et al., Eds. Published in 2006. p. 237-246.	<a href="#">Full text</a>
314	F. Leberl and M. Gruber, „New Photogrammetry Enabled By Digital Large Format Aerial Cameras“, in Spatial Sciences Institute Biennial Conference 2005, 2005, Proceedings of the Spatial Sciences Institute Biennial Conference.	<a href="#">Full text</a>
313	F. Leberl and J. Szabo, „Novel Totally Digital Photogrammetric Workflow“, in Semana Geomatica, Instituto Geografico Agustin Codazzi, Bogota, Colombia, 2005.	<a href="#">Full text</a>
312	R. Beichel, H. Bischof, F. Leberl, and M. Sonka, „Robust Active Appearance Model Matching“. Information Processing in Medical Imaging 2005, Springer LNCS 3565, p. 114-125.	<a href="#">Full text</a>
311	R. Beichel, H. Bischof, F. Leberl, and M. Sonka, „Robust Active Appearance Models and their Application to Medical Image Analysis“, IEEE Transactions on Medical Imaging, vol. 24, no. 3, p. 1151-1169, 2005.	<a href="#">Full text</a>
310	F. Leberl and M. Gruber, „Ultracam-D: Understanding Some Noteworthy Capabilities „, in Photogrammetric Week 2005, Wichmann-Verlag., D. Fritsch, Ed. Stuttgart, Germany: , 2005, p. 57-6.	<a href="#">Full text</a>
<b>2004</b>		
309	H. Bischof and F. Leberl: <i>Digital Image Processing</i> , Chapter 5 in Manual of Photogrammetry, 5th Edition, C. McGlone, E. M. Mikhail, and J. Bethel, Eds. 2004, p. 399-453	<a href="#">Full text</a>
308	G. Werkgartner, M. Lemmerer, H. Hauser, E. Sorantin, R. Beichel, B. Reitingner, A. Bornik, F. Leberl and H. J. Mischinger: Augmented-reality-based liver-surgical planning system. <i>European Surgery (2004)</i> 36/5, pp. 270-274	<a href="#">Full Text</a>
307	F. Leberl, M. Gruber: UltraCam-D: cámara digital de gran formato. <i>Mapping</i> , Vol 72, pp. 22-33	<a href="#">Full Text</a>
306	F. Leberl and J. Thurgood, „The Promise of Softcopy Photogrammetry Revisited“, in 20th Congress of the International Society for Photogrammetry and Remote Sensing [ISPRS], Istanbul, Turkey, 2004, International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences., vol. XXXV, no. B3, p. 759-784.	<a href="#">Full text</a>
<b>2003</b>		
305	F. Leberl, R. Kallian: <i>ISPRS Technical Commission III Annual Report 2002</i> , ISPRS Highlights Vol. 8, No 1, pp. 21-24	<a href="#">Full text</a>
304	F. Leberl, M. Gruber: <i>UltraCam-D: A Novel Large Format Digital Aerial Camera from Austria</i> . EuroSDR Newsletter, June 2003	<a href="#">Full text</a>
303	F. Leberl, M. Gruber: <i>Economical Large Format Aerial Digital Camera</i> . GIM Geoinformation Magazine International 2003, 4 pages	<a href="#">Full text</a>
302	A. Bornik, R. Beichel, B. Reitingner, E. Sorantin, G. Werkgartner, F. Leberl, M. Sonka: <i>Augmented Reality Based Liver Surgery Planning : -- The EG2003 Medical Prize</i> , Computer Graphics Forum, vol. 22, no. 4, p. 795-796, 2003	<a href="#">Full text</a>
301	G. Fernandez, H. Bischof, R. Beichel, and F. Leberl, „Comparison of Mean Shift Filters for CT Images“, in 27th Workshop of the Austrian Association for Pattern Recognition [AAPR/OEAGM], Laxenburq, Austria, 2003. OCG-Book Series., vol. 168, p. 89-96.	<a href="#">Full text</a>
300	Fernandez-Dominguez, G., Bischof, H., Beichel, R. & Leberl, F., 2003, <i>Fast 3D Mean Shift Filter applied to CT Images</i> . Proc. of Medical Image Analysis and Understanding, S. 165-168	
299	Alexander Bornik, R. Beichel, B. Reitingner, E. Sorantin, F. Leberl, and M. Sonka, „Computer aided liver surgery planning: An augmented reality approach“, in Medical Imaging 2003: Visualization, Image-Guided Procedures, and Display, SPIE Proceedings 5029th ed. , R. L. Galloway, Ed. 2003, p. 395-405	<a href="#">Full text</a>
298	Alexander Bornik, et al., „Computer aided liver surgery planning based on augmented reality techniques“, in Bildverarbeitung für die Medizin 2003, Springer-Verlag., T. Wittenberg and et al., Eds. 2003, p. 249-253.	<a href="#">Full text</a>
297	K. Schindler, M. Grabner, and F. Leberl, „Fast on-site reconstruction and visualization of archaeological finds.“, in XIX CIPA Symposium [Scientific Committee for Documentation of Cultural Heritage], Antalya, Turkey, 2003. Digital Proceedings edited by O. Altan: <a href="http://cipa.icomos.org/ANTALYA.html">http://cipa.icomos.org/ANTALYA.html</a> [unpaginated]	<a href="#">Full text</a>

296	F. Leberl and M. Gruber, „Flying the New Large Format Digital Aerial Camera UltraCam-D“, in Photogrammetric Week 2003, D. Fritsch, Ed. Wichmann-Verlag, Heidelberg: , 2003, p. 67-76.	<a href="#">Full text</a>
295	F. Leberl, „Models and Visualizations in a Virtual Habitat“, in <i>SCCG'03 Proceedings</i> Spring Conference on Computer Graphics [Budmerice, Slovakia], 2003, ACM Publication Series., p. 35-38.	<a href="#">Full text</a>
294	M. Gruber, F. Leberl, and R. Perko, „Paradigmenwechsel in der Photogrammetrie durch digitale Luftbildaufnahme“, Photogrammetrie, Fernerkundung, Geoinformation [PFG], 2003.	<a href="#">Full text</a>
293	J. Cosmas, T. Itekaki, ....., F. Leberl, and [22 authors], „Providing multimedia tools for recording, reconstruction, visualization and database storage/access of archaeological excavations“, in 4th Int'l Symposium on Virtual Reality, Archaeology and Intelligent Cultural Heritage [VAST2003], Brighton, UK, 2003, Eurographics Publication., p. 183-192.	<a href="#">Full text</a>
292	F. Leberl, M. Gruber, M. Ponticelli, S. Bernoegger, and R. Perko, „The UltraCam Large Format Aerial Digital Camera System“, in Annual Convention of the American Society for Photogrammetry and Remote Sensing [ASPRS], Anchorage, Alaska, 2003, Proceedings by ASPRS.	<a href="#">Full text</a>
<b>2002</b>		
291	R. Bolter and F. Leberl, „Building Reconstruction from Synthetic Aperture Radar Images and Interferometry“, in Automatic Extraction of Man-Made Objects from Aerial and Space Images (III), Balkema Publishers, Lisse/Abingdon/Exton/Tokyo., M. Baltsavias, A. Gruen, and L. van Gool, Eds. 2002, p. 281-290.	<a href="#">Full text</a>
290	F. Leberl, R. Perko, and M. Gruber, „Color in Photogrammetric Remote Sensing“, in Symposium of Commission VII of the International Society for Photogrammetry and Remote Sensing [ISPRS], Hyderabad, India, 2002, Archives of the ISPRS, available from GITC-Lemmer [ <i>The Netherlands</i> ] , vol. XXXIV, no. 7, p. 59-64 .	<a href="#">Full text</a>
289	Czanner S., A. Ferko, M. Grabner, and F. Leberl, „Developing ACM Computing Curriculum Courseware on Graphics and Visual Computing“, in VIRTUAL -- Special Issue on a SIGGRAPH Workshop on Computer Graphics Education 2002 [CGE'02, Bristol, 5-7 July], 2002. Unpaginated	<a href="#">Full text</a>
288	R. Beichel, Bornik A, Leberl F., Sonka M., Gotschuli G., Werkgartner G., Sorantin E. (2002) Virtual liver operation planning system - image processing and augmented reality. Biomedical Optics 02	
287	R. Beichel, G. Gotschuli, E. Sorantin, F. Leberl, and M. Sonka, „Diaphragm Dome Surface Segmentation in CT Data Sets: A 3D Active Appearance Model Approach“, in SPIE Medical Imaging 2002: Image Processing, 2002, SPIE Proceedings [M. Sonka & J. M. Fitzpatrick, Eds.], vol. 4684, p. 475-484.	<a href="#">Full text</a>
286	F. Leberl and A. Ferko [Eds], East-West-Vision 2002, Proceedings of the International Workshop and Project Festival; OCG-Publication., vol. 163. Graz, Austria: , 2002, p. 280.	<a href="#">Full text</a>
285	M. Gruber, J. Szabo, and F. Leberl, „Foto-G: Close Range Photogrammetry between Measurement and Modeling“, in 60 years Jubilee Conference of the University of Architecture, Civil Engineering and Geodesy [Sofia, Bulgaria], 2002, Proceedings., vol. 8, p. 17 -29.	<a href="#">Full text</a>
284	A. Ferko, M. Grabner, F. Leberl, and J. Stugel, „GRAZIA -- The Graz ACM Computing Curriculum. Interactive and Animated Courseware on Graphics and Visual Computing“, in 1st International Conference on Applied Mathematics [APLIMAT], 2002, Proceedings by Slovak University of Technology. ISBN 80-227-1654-5, p. 171-176.	<a href="#">Full Text</a>
283	A. Bornik, K. Karner, J. Bauer, F. Leberl, H. Mayer, „High-Quality Texture Reconstruction from Multiple Views“, Journal of Visualization and Computer Animation , vol. 12, pp. 263-276, 2001	<a href="#">Full Text</a>
282	M. Urschler, H. Mayer, R. Bolter, and F. Leberl, „The Live Wire Approach for the Segmentation of Left Ventricle Electron-Beam CT Images“, in 26th Workshop of the Austrian Association for Pattern Recognition [AAPR/OEAGM], Graz, Austria, 2002, OCG-Publications., vol. 160, p. 319-326.	<a href="#">Full text</a>
281	G. Fernandez, R. Beichel, H. Bischof, and F. Leberl, „A New Wavelet Denoising Method Based on MDL“, in 26th Workshop of the Austrian Association for Pattern Recognition [AAPR/OEAGM], Graz, Austria, 2002, OCG-Publications., vol. 160, p. 183-190.	<a href="#">Full text</a>
280	F. Leberl, R. Perko, M. Gruber, and M. Ponticelli, „Novel Concepts for Aerial Digital Cameras“, in Symposium of Commission I of the International Society for Photogrammetry and Remote Sensing [ISPRS], Denver, USA, 2002, Archives of the ISPRS, available from GITC-Lemmer, The Netherlands., vol. XXXIV, no. 1.	<a href="#">Full text</a>
279	J. Cosmas, ....., F. Leberl, and [19 authors], „A Novel Multimedia System for Archaeology“, in Forum International des Musées 2002, 2002.	<a href="#">Full text</a>
278	F. Leberl and M. Gruber, „Photogrammetric Color Scanning“, in Symposium of Commission II of the International Society for Photogrammetry and Remote Sensing [ISPRS], Xian, PR China, 2002, Archives of the ISPRS, available from GITC-Lemmer., vol. XXXIV, no. 2.	<a href="#">Full text</a>
277	R. Kalliany and F. Leberl [eds], Photogrammetric Computer Vision: Proceedings of Peer Reviewed Papers, Archives of the ISPRS, available from GITC-Lemmer, The Netherlands., vol. XXXIV, no. 3A. Graz, Austria: , 2002, p. 437.	<a href="#">Full text</a>
276	R. Kalliany and F. Leberl [eds], Photogrammetric Computer Vision: Proceedings of Unreviewed Papers, Archives of the ISPRS, available from GITC-Lemmer, The Netherlands., vol. XXXIV, no. 3B. Graz, Austria: , 2002, p. 437.	<a href="#">Full text</a>
275	F. Leberl and R. Kalliany, „Report on Mid-Term Symposium Technical Commission III“, ISPRS Highlights, vol. 7, no. 4, p. 9-11, 2002.	<a href="#">Full text</a>
274	F. Leberl, C. Jorde, and M. Gruber, <i>Self-Calibrating Scanner for Scanning an Image via Multiple Swaths [Stitching]</i> . US-Patent 6,417,936. Continuation in part. Applied 1998.	<a href="#">Full text</a>



273	F. Leberl and R. Kalliany, „Technical Commission Reports: Technical Commission III on Theory and Algorithm“, ISPRS Highlights, vol. 7, no. 1, p. 18-25, 2002.	<a href="#">Full text</a>
272	R. Bolter and F. Leberl, „Virtual Habitat: From Multiple View Interferometric Radar to Building Models“, in 4th European Conference on Synthetic Aperture Radar [EUSAR], 2002, Proceedings by VDE, Frankfurt., p. 435-437.	<a href="#">Full text</a>
271	K. Karner, J. Bauer, A. Klaus, F. Leberl, and M. Grabner, „Virtual Habitat: Models of the Urban Outdoors“, in Automatic Extraction of Man-Made Objects from Aerial and Space Images (III), Balkema Publishers, Lisse/Abingdon/Exton/Tokyo., M. Baltasvias, A. Gruen, and L. van Gool. Eds. 2002, p. 393-402.	<a href="#">Full text</a>
270	F. Leberl and F. Fraundorfer [Eds], Vision with Non-Traditional Sensors, 26th Workshop of the Austrian Association for Pattern Recognition [AAPR/OEAGM], OCG-Publication, vol. 160. Graz, Austria , 2002, p. 348.	<a href="#">Full text</a>
<b>2001</b>		
269	F. Leberl, C. Jorde, and M. Gruber <i>Self-Calibrating Réseau-Based Scanner with Single and Multiple CCDs and Single and Multiple Optical Systems</i> . US-Patent 6,122,078. Applied 1995. Issued Sep-2000	<a href="#">Full text</a>
268	J. Cosmas, T. Itekkaki, ....., K. Karner, F. Leberl, and K. Schindler: <i>3D MURALE: A Multimedia System for Archaeology</i> , in ACM SIGGRAPH Virtual Reality, Archeology and Cultural Heritage VAST2001, Athens, Greece, 2001, Proceedings by ACM-SIGGRAPH., p. 297-306.	<a href="#">Full text</a>
267	F. Leberl and R. Kalliany: <i>3D Objekterfassung mittels Fernerkundung</i> , VGI Österreichische Zeitschrift für Vermessung und Geoinformation, vol. 89, no. 3, 2001	<a href="#">Full text</a>
266	M. Gruber and F. Leberl, „Description and Evaluation of the High Quality Photogrammetric Scanner Ultrascan5000“, ISPRS Journal for Photogrammetry and Remote Sensing, vol. 55, p. 313-329, 2001.	<a href="#">Full text</a>
265	M. Gruber, F. Leberl <i>Escaners fotogrametricos de alta calidad para la Cartografia</i> . Mapping, vol. 68, pp. 84-94.	<a href="#">Full text</a>
264	Adel Sewisy and F. Leberl, „Detection ellipses by finding lines of symmetry in the images via a Hough transform applied to straight lines“, Image and Vision Computing, vol. 19, no. 12, p. 857-866, 2001.	<a href="#">Full text</a>
263	R. Bolter, G. Fernandez, G. Lenz, and F. Leberl, „Detection of Flaws on Melamine Faced Chipboards using Wavelet-based Texture Analysis“, in 25th Workshop of the Austrian Association for Pattern Recognition [AAPR/OEAGM], Berchtesgaden, Germany, 2001, OCG-Books., vol. 147.	<a href="#">Full text</a>
262	M. Gruber and F. Leberl, „Digitalisieren von Luftbildern“, VGI Österreichische Zeitschrift für Vermessung und Geoinformation, vol. 89, no. 1, p. 2-12, 2001.	<a href="#">Full text</a>
261	H. Mayer, A. Bornik, J. Bauer, K. Karner, and F. Leberl, „Multi-Resolution Texture for Photorealistic Rendering“, in SCCG'01 Spring Conference on Computer Graphics, 2001, April 25th-28th, Budmerice, Slovakia; IEEE-Proceedings by Comenius University, Bratislava, Slovakia, Tosiyasu L. Kunii [Ed.], p. 174-183.	<a href="#">Full text</a>
260	F. Leberl: <i>Symposium Announcement of ISPRS Commission III</i> . ISPRS Highlights Vol. 6, No. 3, pp. 16	<a href="#">Full Text</a>
259	F. Leberl, „ISPRS Commission III -- Towards Photogrammetric Computer Vision “, ISPRS Highlights, vol. 6, no. 2, p. 12-13, 2001.	<a href="#">Full text</a>
258	Anton Schenk and Franz Leberl, „ISPRS Technical Commission III: Theory and Algorithms“, ISPRS Highlights, Vol. 6, No. 1, pp. 15-18, 2001.	<a href="#">Full text</a>
257	F. Leberl, „OEAGM: Pattern Recognition Activities Since 20 Years“, Telematik, vol. 3, no. 1, p. 6-9, 2001.	<a href="#">Full text</a>
256	R. Beichel, S. Mitchell, E. Sorantin, F. Leberl, A. Goshtasby, and M. Sonka, „Shape- and Appearance-Based Segmentation of Volumetric Medical Images“, in 8th IEEE International Conference on Image Processing ICIP 2001, Thessaloniki, Greece, 2001, IEEE-Proceedings., p. 589-592.	<a href="#">Full text</a>
<b>2000</b>		
255	R. Bolter and F. Leberl: <i>Detection and Reconstruction of Buildings from Multiple View Interferometric SAR</i> , in IEEE International Geoscience and Remote Sensing Symposium [IGARSS'00], Honolulu, Hawaii, USA, 2000, IEEE Proceedings., p. 749-751.	<a href="#">Full text</a>
254	R. Bolter and F. Leberl, „Detection and Reconstruction of Human Scale Features from High Resolution Interferometric SAR Data“, in International Conference on Pattern Recognition [ICPR], Barcelona, Spain, 2000, Proceedings., vol. 4, p. 291-294.	<a href="#">Full text</a>
253	F. Leberl, „Digital Visual Information Processing: Adding Vision to Graphics“, in 1st Int'l Workshop on Image and Signal Processing and Analysis, Pula, Croatia, 2000, Proceedings by University of Zagreb, S. Loncaric [Ed.].	<a href="#">Full text</a>
252	R. Bolter and F. Leberl, „Fusion of Multiple View Interferometric and Slant Plane SAR Data for Building Reconstruction“, in EOS/SPIE Remote Sensing Symposium on SAR Image Analysis, Modeling, and Techniques III, 2000, SPIE-Proceedings, Francesco Posa; Luciano Guerriero [Eds.], vol. 4173, p. 241-250.	<a href="#">Full text</a>
251	M. Gruber, F. Leberl: High Quality Photogrammetric Scanning for Mapping. China International Geoinformatics Industry, Technology and Equipment Exhibition, Mapping, 8th to 12th of May 2000, Beijing, PR China. 15 p.	<a href="#">Full Text</a>
250	Hackl H, Thallinger GG, Wach P, Leberl FW, Trajanoski Z. High resolution CCD scanner for cDNA microarray analysis. Poster presentation and abstract at Cambridge Healthtech Institutes 2nd Annual Lab-Chips & Microarrays for Biotechnical and Biomedical Applications, Zurich, Switzerland, 2000	

249	R. Bolter and F. Leberl, „Phenomenology-Based and Interferometry-Guided Building Reconstruction from Multiple SAR Images“, in 3rd European Conference on Synthetic Aperture Radar [EUSAR], Munich, Germany, 2000, Proceedings by VDE, Frankfurt., p. 687-690.	<a href="#">Full text</a>
248	F. Leberl, „Radar Imaging At Submeter Resolution for Mapping“ „, GIS User [Australia], 2000.	<a href="#">Full text</a>
247	F. Leberl, C. Jorde, and M. Gruber, „Self-Calibrating Scanner with Single and Multiple Detector Arrays and Single and Multiple Optical Systems [Jobsheet] . Applied Nov 1998. Issued Sep-2001 US Patent Number 6.288.801	<a href="#">Full text</a>
246	R. Bolter and F. Leberl, „Shape-from-Shadow Building Reconstruction from Multiple View SAR Images“, in Applications of 3D-Imaging and Graph-based Modeling [Annual OEAGM/AAPR Workshop], Villach, Austria, 2000, Proceedings by Österreichische Computergesellschaft Publication., vol. 142, p. 196-206.	<a href="#">Full text</a>
<b>1999</b>		
245	Leberl F., K. Karner, M. Maresch: <i>Urban Site Modeling –Accurate, Detailed, Rapid and Inexpensive</i> . In A. Leonardis, F. Solina, R. Bajcsi (eds.) Confluence of Computer Vision and Computer Graphics. NATO Advanced Research Workshop (ARW) held at University of Ljubljana, Slovenia, 29-31 August 1999. Published 2000 by Kluwer Academic Publishers, NATO Science Series, pp 201-214.	<a href="#">Full text</a>
244	F. Leberl, <i>How Can Radar Sensing Become More Relevant To Topographic Mapping</i> , in Festschrift Prof. Heinrich Ebner, Published by Technical University Munich, C. Heipke & H. Mayer [ed.], 1999, pp.191-203	<a href="#">Full text</a>
243	F. Leberl, W. Walcher, R. Wilson, and M. Gruber, „Models of Urban Areas for Line-of-Sight Analyses“, in Automatic Extraction of GIS Objects from Digital Imagery, International Society for Photogrammetry and Remote Sensing [ISPRS], Munich, Germany, 6-10 September, 1999, Archives of the ISPRS, H. Ebner, W. Eckstein, C. Heipke, H. Mayer [Eds.], vol. XXXII, Part 3-2W5, p. 217-226.	<a href="#">Full text</a>
242	Goller A., F. Leberl (2000) <i>Radar Image Processing with Clusters of Computers</i> . Proceedings of the IEEE Aerospace Conference. Big Sky, Montana, March 18-25, 1999. ISBN 0-7803-5847-3. pp. 281-285	<a href="#">Full text</a>
<b>1998</b>		
241	F. Leberl, „ <i>Telematik 1997-2007: Die Computertechnologie bleibt die Leittechnologie des kommenden Dezenniums</i> “, Austria Innovativ, vol. 1, p. 33-39, 1998.	<a href="#">Full text</a>
240	M. Marra, R. Carande, and F. Leberl, „Accuracy of DEMs from Remotely Sensed Radar Images“, in GIS/LIS '98, Ft. Worth, Texas, 1998, Proceedings by American Society for Photogrammetry and Remote Sensing [ASPRS].	<a href="#">Full text</a>
239	F. Leberl, R. Ledner, W. Walcher „Advances in Built-Up Area 3D GIS Data for Telecommunications“, in GIS/LIS '98, Ft. Worth, Texas, 1998, Proceedings by American Society for Photogrammetry and Remote Sensing [ASPRS].	<a href="#">Full text</a>
238	F. Leberl, „Chapter 4: Radargrammetry“, in Manual of Radar Remote Sensing, American Society for Photogrammetry and Remote Sensing [ASPRS], Washington, DC, Floyd Henderson & A. Lewis [eds.], pp. 183-269 , 1998	<a href="#">Full text</a>
237	R. Bolter, M. Gelautz, and F. Leberl, „Geocoding in SAR Layover Areas“, in 2nd European Conference on Synthetic Aperture Radar [EUSAR], Friedrichshafen, Germany, 1998, Proceedings by VDE [Association for Electrical, Electronic & Information Technologies], Frankfurt.	<a href="#">Full text</a>
236	F. Leberl, R. Kalliany, and M. Gruber[Editors], „Extraction of Man-Made Objects from Aerial and Space Imagery“, ISPRS J. on Photogrammetry and Remote Sensing, vol. 53, no. 2. 1998, p. 61-61	<a href="#">Full text</a>
235	M. Gruber, F. Leberl, and G. Thalliinger, „Novel High-Precision Photogrammetric Scanning“, in GIS/LIS '98, Ft. Worth, Texas, 1998, Proceedings by American Society for Photogrammetry and Remote Sensing [ASPRS].	<a href="#">Full text</a>
234	Alois Goller, M. Gelautz, and F. Leberl, „Parallel Image Processing Applied to Radar Shape-from-Shading“, Photogrammetric Engineering and Remote Sensing, vol. 65, no. 3, p. 259-267, 1999.	<a href="#">Full text</a>
233	M. Gelautz, H. Frick, J. Raggam, J. Burgstaller, and F. Leberl, „SAR Image Simulation and Analysis of Alpine Terrain“, ISPRS Journal for Photogrammetry and Remote Sensing, vol. 53, p. 17-38, 1998.	<a href="#">Full text</a>
232	R. Bolter, M. Gelautz, and F. Leberl, „Simulation-based SAR Stereo Analysis in Layover Areas“, in IEEE International Geoscience & Remote Sensing Symposium [IGARSS'98], Seattle, Washington, 1998, IEEE Proceedings.	<a href="#">Full text</a>
231	G. Fuxjaeger, F. Leberl, and M. Gruber, „Urban Data Acquisition for Telecommunications Purposes in Europe“, in GIS/LIS '98, Ft. Worth, Texas, 1998, Proceedings by American Society for Photogrammetry and Remote Sensing [ASPRS].	<a href="#">Full text</a>
<b>1997</b>		
230	M. Gelautz, E. Mitteregger, and F. Leberl, „Automated Acquisition of Ground Control Using SAR Layover and Shadows“, in IEEE Geoscience and Remote Sensing Symposium [IGARSS'97], Singapore, 1997, IEEE Proceedings., p. 468-470.	<a href="#">Full text</a>
229	M. Gruber, M. Kofler, and F. Leberl, „Managing Large 3D Urban Database Contents Supporting Phototexture and Levels of Detail“, in Man-Made Structures from Aerial and Space Imagery (II), Birkhaeuser-Verlag, Basel., A. Gruen, M. Baltsavias, and O. Henriksson, Eds. Monte Verita, Switzerland: , 1997, p. 377-386.	<a href="#">Full text</a>

228	F. Leberl and R. Kalliany, „Prüfung und Verwendung internationaler Satellitenbilddaten“, VGI Oesterreichische Zeitschrift fuer Vermessung und Geoinformation, vol. 85, no. 2, p. 116-123, 1997.	<a href="#">Full text</a>
227	F. Leberl, „Starke Wirtschaft durch Forschung“, Austria Innovativ, vol. 2, p. 57-61, 1997.	<a href="#">Full text</a>
226	F. Leberl, „Telematik in den nächsten 10 Jahren“, Telematik, vol. 3, no. 3, pp. 14-19, 1997.	<a href="#">Full text</a>
225	F. Leberl: <i>Begrüßungsrede zum 2. Telematik-Ingenieur-Kongress 1997</i> , Telematik, vol.3, no.3, pp. 4-5, 1997	<a href="#">Full text</a>
<b>1996</b>		
224	F. Madritsch, F. Leberl, and M. Gervautz, „Camera based Beacon Tracking: Accuracy and Applications“, in ACM Symposium on Virtual Reality Software and Technology [VRST '96], Hongkong, PR China, 1996.	<a href="#">Full text</a>
223	M. Gelautz, F. Weinbergmair, and F. Leberl, „On the Detection and Exploitation of Layover in Magellan Imagery“, in 18th Congress of the International Society for Photogrammetry and Remote Sensing [ISPRS], Vienna, Austria, 1996, vol. XXXI, no. Part 4.	<a href="#">Full text</a>
222	M. Gelautz, F. Leberl, and W. Kellerer-Pirklbaur, „Image Enhancement and Evaluation: SAR Layover and Shadows“, AEU - International Journal of Electronics and Communications, vol. 50, no. 2, p. 100-105, 1996.	<a href="#">Full text</a>
221	F. Leberl and R. Kalliany, „Innovationen in Sensortechnik und Datennetzwerken“, VGI Oesterreichische Zeitschrift für Vermessung und Geoinformation, vol. 84, p. 6-13, 1996.	<a href="#">Full text</a>
220	F. Leberl, R. Kalliany, and M. Gruber [Eds], „Mapping Buildings, Roads and Other Man-Made Structures from Images“, in Workshop on Remote Sensing and Mapping, Int'l Association for Pattern Recognition, [IAPR, TC-7], Graz, Austria, 1996, Schriftenreihe der Österr. Computer Gesellschaft, R.Oldenburger Wien/München., vol. 92, p. 354.	<a href="#">Full text</a>
219	M. Gelautz, G. Jakob, G. Paar, F. Leberl, and S. Hensley, „Matching Experiments with Different Kinds of SAR Imagery“, in IEEE Geoscience and Remote Sensing Symposium IGARSS'96, Lincoln, Nebraska, 1996, IEEE Proceedings., p. 31-33.	<a href="#">Full text</a>
218	F. Leberl and M. Gruber, „Modeling a French Village in the Alps“, in 12th Spring Conference on Computer Graphics [Budmerice, Slovakia], 1996, Proceedings by Comenius University, Bratislava, Slovakia., p. 15-22.	<a href="#">Full text</a>
217	F. Leberl, „Practical Concerns in Digital Photogrammetric Processing Systems“, in Digital Photogrammetry -- An Addendum to the Manual of Photogrammetry, American Society for Photogrammetry and Remote Sensing [ASPRS], Washington DC., 1996, p. 230-238.	<a href="#">Full text</a>
216	M. Gruber, F. Leberl, and M. Maresch, „Requirements for Photorealistic 3D Modelling of Urban Areas“, in 18th Congress of the International Society for Photogrammetry and Remote Sensing [ISPRS], Vienna, Austria, 1996, Archives of the ISPRS., vol. XXXI, Part B3, p. 261.	<a href="#">Full text</a>
215	R. Bolter, M. Gelautz, and F. Leberl, „SAR Speckle Simulation“, in 18th Congress of the International Society of Photogrammetry and Remote Sensing [ISPRS], Vienna, Austria, 1996, Archives of the ISPRS., vol. XXXI, no. Part 4, p. 283-287.	<a href="#">Full text</a>
214	J. Scharinger, F. Pichler, H. Feichtinger, F. Leberl: Comparison of lossy image compression techniques with respect to their impact on edge detection, Proceedings of the SPIE Volume 2847: Applications of Digital Image Processing XIX, pp. 479-490	<a href="#">Full Text</a>
213	F. Leberl, M. Gruber, W. Kellerer-Pirklbauer, A. Pinz, P. Uray, and G. Paar, „Surface Reconstruction“, in 18th Congress of the International Society for Photogrammetry and Remote Sensing [ISPRS], Vienna, Austria, 1996, Archives of the ISPRS., vol. XXXI, Part B3, p. 421-428.	<a href="#">Full text</a>
212	F. Leberl, W. Walcher, and R. Kalliany, „Surface Topography Reconstruction of Venus from the Magellan Mission“, in 18th Congress of the International Society for Photogrammetry and Remote Sensing [ISPRS], Vienna, Austria, 1996, Archives of the ISPRS., vol. XXXI, Part B4, p. 491-496.	<a href="#">Full text</a>
<b>1995</b>		
211	K. Karner, E. A. Deutschl, and F. Leberl, Comparison of Different Light Reflection Models, IIG Report Series [Institutes for Information Processing]., vol. 399. Graz, Austria: , 1995, p. 13.	<a href="#">Full text</a>
210	F. Leberl and F. Haselbacher, „Data Communications in Austria -- A Remote Sensing Perspective“, in EEOS Workshop on Data Networks and User Requirements, Frascati, Italy, 1995, Document CEO/130/1994 by the European Space Agency., p. 294-302.	<a href="#">Full text</a>
209	F. Leberl and R. Kalliany, „Earth Observation Data Services for Users -- An Austrian Perspective“, in EEOS Workshop on Data Networks and User Requirements, Frascati, Italy, 1995, Document CEO/130/1994 published by ESA [European Space Agency]., p. 461-469.	<a href="#">Full text</a>
208	M. Gruber, M. Pasko, and F. Leberl, „Geometric versus Texture Detail in 3D Models of Real World Buildings“, in Man-Made Structures from Aerial and Space Imagery, Birkhäuser-Verlag, Basel., A. Gruen, O. Kuebler, and P. Agouris, Eds. ETH-Zuerich, Switzerland: , 1995, p. 189-198.	<a href="#">Full text</a>
207	F. Leberl, K. Andrews, M. Gruber, P. Uray, and W. Walcher, „Graphische und Visuelle Interaktionen mit Geo-Daten“, in Wiener Schriften zur Geographie und Kartographie, Published by Institut für Geographie der Universität Wien., vol. 8, Vienna, pp. 29-45: 1995.	<a href="#">Full text</a>
206	F. Leberl: <i>Der Telematik-Ingenieurverband TIV</i> , Telematik Zeitschrift des TIV, Vol. 95, No 1, pp. 4-5	<a href="#">Full text</a>



205	F. Leberl and A. Pinz, „Maschinelles Sehen: Was wir von der Zukunft erwarten“, in Bildverarbeitung in der industriellen Praxis, Steyr, Austria, 5th to 6th September, 1995, Proceedings by Profactor GmbH, Stey [Austria].	<a href="#">Full text</a>
204	P. Uray, M. Gruber, K. Karner, and F. Leberl, Modeling and Visualizing a Marble Statue of Habsburg Emperor Karl VI, IIT-Publications of the OCG-Institutes for Information Processing. Hermann Maurer (ed.), Graz University of Technology., vol. 420. Graz: , 1995, p. 23	<a href="#">Full text</a>
203	Alois Goller, M. Gelautz, and F. Leberl, „Parallelization Experiments for Radar Image Shape-from-Shading“, in Visual Modules [19th OEAGM and 1st SDRV Workshop], Ljubljana, Slovenia, 1995, F. Solina, W. Kropatsch [eds]: Schriftenreihe der Österreichischen Computergesellschaft OCG, R. Oldenburg-Verlag., vol. 81, p. 41-49.	<a href="#">Full text</a>
202	F. Leberl and R. Kalliany, „Satellite Remote Sensing in Austria and the European Center for Earth Observation“, VGI Oesterreichische Zeitschrift fuer Vermessung und Geoinformation, vol. 95, no. 1, p. 37-47, 1995.	<a href="#">Full text</a>
<b>1994</b>		
201	F. Leberl, K. Maurice, J. Thomas, and M. Millot, „Automated Radar Image Matching Experiment“, ISPRS Journal of Photogrammetry and Remote Sensing, vol. 49, no. 3, p. 19-33, 1994.	<a href="#">Full text</a>
200	F. Leberl, „Practical Issues in Softcopy Photogrammetric Systems“, in Mapping and Remote Sensing Tools for the 21st Century, American Society for Photogrammetry and Remote Sensing., 1994, p. 223-230.	<a href="#">Full text</a>
199	K. Maurice, F. Leberl, L. Norikane, S. Hensley: Venus Surface Roughness and Magellan Stereo Data. Report for NASA CASI Contract NASW-4854, 62 p.	<a href="#">Full Text</a>
198	R. Seywald, F. Leberl, and W. Kellerer-Pirklbauer, „Requirements of a System to Analyze Film Scanners“, in Symposium of Commission I of the International Society for Photogrammetry and Remote Sensing [ISPRS], Como, Italy, 1994, Archives of the ISPRS., vol. XXX, Part 1, p. 144-149.	<a href="#">Full text</a>
197	F. Leberl, M. Gruber, P. Uray, and F. Madritsch, „Trade-Offs in the Reconstruction and Rendering of 3-D Objects“, in 16th Symposium of DAGM and 18th DAGM-Workshop [German Association for Pattern Recognition], Vienna, Austria, 1994, Proceedings by Springer-Verlag, Series Informatik XPress., p. 58-73.	<a href="#">Full text</a>
<b>1993</b>		
196	F. Leberl, „Development of a Stereo Analysis and Visualization Tool Kit for Planetary Radar Images“, in International Workshop on Image Analysis and Synthesis [OeAGM/AAPR], Graz, Austria, 1993, Proceedings published by R. Oldenburg-Verlag, Vienna., p. 45-56.	<a href="#">Full text</a>
195	F. Leberl, „An Experiment to Match Radar Images“, in 4th GeoSAR Workshop, Loipersdorf, Austria, 1993, Proceedings published by EOS Ltd., London., p. 89-100.	<a href="#">Full text</a>
194	WF Thon, M Stein, A Kramer, F Leberl, U. Jonas: Real-Time Photogrammetrie in der Urology; Aktuelle Urologie 24 (1), 28-32	<a href="#">Full Text</a>
193	F. Leberl, K. Andrews, and H. Muelner, „Graphical, Visual and Immersive Interaction with Geographic Data“, in 16th Urban Data Management Symposium, Vienna, Austria, 1993, Proceedings published by ADV-Verlag, Vienna., p. 1-10.	<a href="#">Full text</a>
192	F. Leberl, „How To Extract Venus Topographic Information From Magellan Radar Images“, in SPIE Conference on "State-of-the-Art Mapping", 1993, SPIE-Proceedings., vol. 1943.	<a href="#">Full text</a>
191	F. Leberl, R. Kwok, and T. Baltzer, „Sea Ice Mapping With ERS-1 Images“, in 25th International Symposium on Remote Sensing and Global Environmental Change, Ann Arbor, Michigan, 1993, Proceedings by the Environmental Research Institute of Michigan [ERIM]., vol. 1, p. 595-603.	<a href="#">Full text</a>
<b>1992</b>		
190	F. Leberl, „Design Alternatives for Digital Photogrammetric Systems“, in 17th Congress of the International Society for Photogrammetry and Remote Sensing [ISPRS], Washington, DC, 1992, Archives of the ISPRS., vol. XXIX, Part B2, p. 384-389.	<a href="#">Full text</a>
189	F. Leberl, I. Dowman, and H. Ebner, „Foreword: Design Issues of Softcopy Photogrammetric Workstations“, Photogrammetric Engineering and Remote Sensing, vol. 58, no. 1, p. 51-56, 1992.	<a href="#">Full text</a>
188	F. Leberl, K. Maurice, J. Thomas, C. Leff, and S. Wall, „Images and Topographic Relief at the North Pole of Venus“, Journal of Geophysical Research, p. 13667-13674, 1992.	<a href="#">Full text</a>
187	F. Leberl, J. Thomas, and K. Maurice, „Initial Results From the Magellan Stereo-Experiment“, Journal of Geophysical Research, p. 13675-13687, 1992.	<a href="#">Full text</a>
186	F. Leberl, M. Best, and D. Meyer, „Photogrammetric Scanning with a Square Array CCD Camera“, in 17th Congress of the International Society for Photogrammetry and Remote Sensing [ISPRS], Washington, DC, 1992, Archives of the ISPRS., vol. XXIX, Part B2, pp 358-363.	<a href="#">Full text</a>
185	F. Leberl, „Precision Scanning of Aerial Photography“, in 58th Annual Convention of the American Society for Photogrammetry and Remote Sensing, Albuquerque, New Mexico, 1992, Proceedings published by the ASPRS., p. 247-252.	<a href="#">Full text</a>
184	F. Leberl, K. Maurice, and J. Thomas, „Radargrammetric Analysis With Magellan Data of Planet Venus“, in 58th Annual Convention, American Society for Photogrammetry and Remote Sensing [ASPRS], Albuquerque, New Mexico, 1992, Proceedings published by ASPRS., p. 253-263.	<a href="#">Full text</a>
183	F. Leberl and K. Maurice, „Stereo-Mapping of Planet Venus From Magellan SAR Images: A Status Report“, in 17th Congress of the International Society for Photogrammetry and Remote Sensing [ISPRS], Washington, DC, 1992, Archives of the ISPRS., vol. XXIX, Part B2, p. 795-800.	<a href="#">Full text</a>
182	F. Leberl, „Towards a New Photogrammetry“ ,, Zeitschrift fuer Photogrammetrie und Fernerkundung, vol. 60, p. 9-12, 1992.	<a href="#">Full text</a>

---

**1991**

---

- 181 F. Leberl, „Digitale Bildanalyse für grossräumige Erdvermessung“, Zeitschrift für Vermessungswesen, vol. 116, no. 8/9, p. 360-371, 1991. [Full text](#)
- 180 M. Millot, K. Maurice, M. Karspeck, W. Kober, and F. Leberl, „Generation, Visualization and Analysis of Image Cubes“, in Imaging Science and Technology [IS&T] 44th Annual Conference, St. Paul, Minnesota, 1991, May 12-17, Proceedings from IS&T [Washington, DC]. [Full text](#)
- 179 B. Mercer, F. Leberl, and J. Michael, „The Impact of Digital Workstations on Topographic Mapping Applications of Remotely Sensed Data“, in Conference of the Canadian Institute on Surveying and Mapping, Calgary, Alberta, Canada, 1991, May 6-10. Proceedings. [Full text](#)
- 178 F. Leberl (1991) Method and apparatus of image mensuration with selectively visible and invisible reseau grid marks [Improved Selectivity for Visible and Invisible Réseau Grid as continuation in part] Patent Filed: February 27, 1989; Issued: August 13, 1991; US Patent # 5,040,059 [Full text](#)
- 177 S. Wall, T. Farr, P. Mueller, P. Lewis, and F. Leberl, „Measurement of Surface Microtopography“, Photogrammetric Engineering and Remote Sensing, vol. 57, no. 8, p. 1075-1078, 1991. [Full text](#)
- 176 J. Thomas, W. Kober, and F. Leberl, „Multiple Image SAR Shape-from-Shading“, Photogrammetric Engineering and Remote Sensing, vol. 57, p. 51-59, 1991. [Full text](#)
- 175 F. Leberl, „The Promise of Softcopy Photogrammetry“, in Digital Photogrammetric Systems, H. Wichmann-Verlag., H. Ebner, D. Fritsch, and C. Heipke, Eds. Karlsruhe: , 1991, p. 3-14. [Full text](#)
- 174 F. Leberl, M. Millot, R. Wilson, M. Karspeck, B. Mercer, and S. Thornton, „Radargrammetric Image Processing with a Softcopy Stereo Workstation“, in 8th Thematic Conference on Geologic Remote Sensing, Denver, Colorado, 1991, 29 Apr-2 May. Proceedings by Environmental Research Institute of Michigan ed., p. 639-647. [Full text](#)
- 173 F. Leberl, K. Maurice, J. Thomas, and W. Kober, „Radargrammetric Measurements from the Initial Magellan Coverage of Planet Venus“, Photogrammetric Engineering and Remote Sensing, vol. 57, no. 12, p. 1561-1570, 1991. [Full text](#)
- 172 Bryan Mercer, P. Button, M. Millot, F. Leberl, and K. Soofi, „Starmap Processing of SAR Imagery for Petroleum Exploration in Irian Jaya“, in 8th Thematic Conference on Geologic Remote Sensing, Denver, Colorado, 1991, 29 April-2 May. Proceedings by Environmental Research Institute of Michigan vol., p. 101-103. [Full text](#)

---

**1990**

---

- 171 W.F. Thon , C. Stief, A.Kramer, F. Leberl, U. Jonas: "PRIAPUS - non contact monitoring of penile dimension changes by photogrammetry". World J. Urology (1990), pp 167-169 [Full text](#)
- 170 F. Leberl, D. Meyer, and S. Lee, „Double Z-Axis Translational Mounting Apparatus for Camera in Photogrammetry Mensuration Systems“, 1990. US Patent 4.897.678 [Full text](#)
- 169 F. Leberl, M. Karspeck, B. Johns, and S. Lee, „Mensuration Frame Grabbing Apparatus“, 1990. US Patent 4.928.169 [Full text](#)
- 168 F. Leberl, M. Karspeck, B. Johns, S. Curry, S. Lee, and D. Meyer, „Method of Mensuration of an Image of an Object“, 1990. US Patent 4.924.505 [Full text](#)
- 167 K. Maurice, F. Leberl, S. Curry, and W. Kober, „Real-Time Close-Range 3-D Motion Measurements for Dental Medicine“, in Symposium of Commission V of the ISPRS: "Close-Range Photogrammetry Meets Machine Vision", 1990, SPIE Proceedings., vol. 1395, p. 366-373. [Full text](#)
- 166 R. Wilson and F. Leberl, „Real-Time Close-Range 3-D Non-Contract Volume and Motion Measurements“, in Symposium of Commission V of the ISPRS: "Close-Range Photogrammetry Meets Machine Vision", 1990, SPIE- Proceedings., vol. 1395, p. 24-29. [Full text](#)
- 165 F. Leberl, „The VX-Series of Interactive Film Scanners: Film-Based Softcopy Photogrammetry“, in Symposium of Commission V of the ISPRS: "Close-Range Photogrammetry Meets Machine Vision", 1990, SPIE Proceedings., vol. 1395, p. 299-307. [Full text](#)

---

**1989**

---

- 164 R. McConnell, W. Kober, F. Leberl, R. Kwok, and J. Curlander, „Automated Tracking of Arctic Ice Floes in Multitemporal SAR Imagery“, in IEEE Geoscience and Remote Sensing Symposium IGARSS'89, 1989, IEEE Proceedings, Vancouver, BC [Canada]., vol. 2, p. 1112-1114. [Full text](#)
- 163 F. Leberl, „Digital Photogrammetric Plotting Techniques“, in Colloquium V: Petroleum Surveying in the 90's Environment, 1989, Proceedings published by the Canadian Petroleum Assoc., Calgary, Alberta, T2P 3Y7th ed. [Full text](#)
- 162 S. Wall, T. Farr, P. Mueller, and F. Leberl, „Measurement of Surface Microtopography Using Helicopter-Mounted Stereo Film Cameras and Two Stereo Matching Techniques“, in IEEE Geoscience and Remote Sensing Symposium IGARSS'89, 1989, IEEE Proceedings, Vancouver BC [Canada]., vol. 3, p. 1173. [Full text](#)
- 161 F. Leberl, S. Curry, and M. Karspeck, „Method of Image Mensuration with Selectively Visible and Invisible Réseau Grid Marks“, 1989. US Patent # 4,809,066 [Full text](#)
- 160 J. Thomas, W. Kober, and F. Leberl, „Multiple-Image SAR Shape from Shading“, in IEEE Geoscience and Remote Sensing Symposium IGARSS'89, 1989, IEEE Proceedings, Vancouver, BC [Canada]., vol. 2, p. 592. [Full text](#)
- 159 F. Leberl, Radargrammetric Image Processing, Artech House, Norwood, Mass. 1989, p. 700. [Full text](#)
- 158 F. Leberl, S. Curry, D. Henrot, M. Karspeck, and S. Lee, „Réseau Apparatus for Photogrammetry Devices“, 1989. US Patent # 4,841,455 [Full text](#)
-

157	J. Curlander, W. Kober, and F. Leberl, „SAR Image-Terrain Database Registration“, in IEEE Geoscience and Remote Sensing Symposium IGARSS'89, 1989, IEEE Proceedings, Vancouver, BC [Canada], vol. 4, p. 2487.	<a href="#">Full text</a>
156	F. Leberl, M. Karspeck, B. Johns, S. Lee, D. Henrot, and S. Curry, „Stereo Mensuration Apparatus“, 1989. US Patent # 4,841,455	<a href="#">Full text</a>
155	F. Leberl, M. Karspeck, B. Johns, S. Lee, D. Henrot, and S. Curry, „Stereo Mensuration Method“, 1989. US Patent # 4,849,912	<a href="#">Full text</a>
154	Bryan Mercer, P. Button, M. Millot, M. Karspeck, and F. Leberl, „Topographic Mapping from GPS-Supplemented Airborne Radar“, in IEEE Geoscience and Remote Sensing Symposium IGARSS'89, 1989, IEEE Proceedings, Vancouver, BC [Canada], vol. 4, p. 2466.	<a href="#">Full text</a>
<b>1988</b>		
153	F. Leberl and E. Kienegger, „Combined Film and Softcopy Photo Interpretation System“, in Airborne Reconnaissance XII, , 1988, SPIE Proceedings Volume., vol. 979, p. 100-106.	<a href="#">Full text</a>
152	J. Thomas, R. Mullen, F. Leberl, W. Kober, and J. Cimino, „Concepts for Processing and Analyzing of Multiple SAR and Landsat Images“, in Recent Advances in Sensors, Radiometry, and Data Processing for Remote Sensing , Orlando, Florida, 1988, SPIE Conference Proceedings., vol. 924, pp. 332-338	<a href="#">Full text</a>
151	G. Domik, F. Leberl, and J. Cimino, „Dependence of Image Grey Values on Topography in SIR-B Images“, International Journal of Remote Sensing, vol. 9, p. 1013-1022, 1988.	<a href="#">Full text</a>
150	F. Leberl, B. Johns, and S. Curry, „Mensuration Frame Grabbing for Softcopy Analysis of Film Imagery“, in International ASPRS Workshop on Analytical Instrumentation, Phoenix, Arizona, 2-6 November 1987, 1988, Proceedings.	<a href="#">Full text</a>
149	W. Kober, J. Thomas, D. Meyer, F. Leberl and J. Cimino, „Requirements for an EOS-Oriented Workstation“, in IEEE International Geoscience and Remote Sensing Symposium IGARSS'88, Edinburgh, Scotland, 1988, European Space Agency ESA Special Publication., vol. 289, p. 1741-1747.	<a href="#">Full text</a>
148	W. Kober, J. Curlander, M. Karspeck, F. Leberl: A Smart Mapping, Charting and Geodesy Control Generator, Phase II. Contract Report for U.S. Army Corps of Engineers, Engineer Topographic Laboratories, Fort Belvoir, Virginia 22060-5546. 156 pages	<a href="#">Full Text</a>
147	F. Leberl, W. Mayr, G. Domik, and M. Kobrick, „SIR-B Stereo Radargrammetry of Australia“, International Journal of Remote Sensing, vol. 9, p. 997-1011, 1988.	<a href="#">Full text</a>
<b>1987</b>		
146	F. Leberl, <i>Radargrammetry and Digital Photogrammetry</i> , ASPRS Conference and Workshop on Analytical Instrumentation, ISPRS Comm II, Phoenix, Arizona, pp 141-171	<a href="#">Full text</a>
145	F. Leberl and M. Karspeck, „Computer-Assisted Film-Based Radargrammetric Image Analysis with System CRAVEX“, in International ASPRS Workshop on Analytical Instrumentation, Phoenix, Arizona, 2-6 November 1987, 1988, ASPRS Proceedings, pp 338-346	<a href="#">Full text</a>
144	F. Leberl, G. Domik, B. Mercer, and R. Ingster, „Stereo-Mapping with Radar Imagery“, in International ASPRS Workshop on Analytical Instrumentation, Phoenix, Arizona, 2-6 November 1987, ASPRS-Proceedings.	Text lost
143	F. Leberl and B. Mercer, „Chasing the Clouds Away“, Computer Graphics World, no. 4 [April], p. 50-52, 1987.	<a href="#">Full text</a>
142	G. Domik and F. Leberl, „Image-Based SAR Product Simulation for Analysis“, in Annual Convention of the American Society of Photogrammetry and Remote Sensing [ASPRS], ASPRS-Proceedings, 1987, p. 355-364.	<a href="#">Full text</a>
141	F. Leberl, G. Domik, and B. Mercer, „Methods and Accuracy of Operational Digital Image Mapping with Aircraft SAR“, in Annual Convention of the American Society of Photogrammetry and Remote Sensing [ASPRS], ASPRS Proceedings, 1987, vol. 4, p. 148-158.	<a href="#">Full text</a>
140	E. Kienegger and F. Leberl, „Point Positioning Using Long Range Oblique Photography“, in Annual Convention of the American Society of Photogrammetry and Remote Sensing [ASPRS], ASPRS Proceedings, 1987, vol. 2, p. 303-308.	<a href="#">Full text</a>
139	Buchroithner, M., Triebnig, G., Domik, G., Kropatsch, W., Leberl, F., Paar, G., Raggam, J., Riaza, A., Strobl, D. 1987, Radargrammetric Image Data Evaluation, Final report on European Space Agency (ESA) Contract No. 6.621/85/F/FL (SC). Joanneum Research DIBAG Report No. 30, p. 150	<a href="#">Full text</a>
138	F. Leberl: <i>Review of Basic Techniques for Radar Image Evaluation</i> . In M. Buchroithner, Triebnig, G., Domik, G., Kropatsch, W., Leberl, F., Paar, G., Raggam, J., Riaza, A., Strobl, D.: Radargrammetric Image Data Evaluation. Final Report for ESA Contract No. 6.621/85/F/FL(SL). Graz Research Center Joanneum DIBAG Report No. 30, 1987, p.28.	<a href="#">Full text</a>
137	F. Leberl, „Some Mapping Applications for SAR Imagery“, in Remote Sensing: Towards Operational Cartographic Application, 1st W. Nordberg Symposium, Proceedings, Graz Research Center Joanneum, 1987, Proceedings., p. 109-114.	<a href="#">Full text</a>
<b>1986</b>		
136	J. Cimino, D. Casey, S. Wall, A. Brandini, G. Domik, F. Leberl: Multiple Incidence Angle SIR-B Experiment over Argentina. Proceedings of the 2nd Spaceborne Imaging Radar Symposium, April 1986, Jet Propulsion Laboratory, JPL-Publication 86-26, pp. 165-173	<a href="#">Full text</a>
135	F. Leberl, E. Kienegger, C. Council, V. Kaufmann and G. Gustafson, „Computer Controlled Interpretation of Long Range Oblique Photography“, in Annual Convention of the American Society of Photogrammetry and Remote Sensing (ASPRS), Proceedings of the ASPRS, 1986, p. 134-141.	<a href="#">Full text</a>

134	G. Domik, F. Leberl, and J. Raggam, „Developing Tools for Digital Radar Image Data Evaluation“, in Symposium of Commission VII of the International Society for Photogrammetry and Remote Sensing [ISPRS], Enchede, The Netherlands, Archives of the ISPRS, 1986.	<a href="#">Full text</a>
133	B. Mercer, R. T. Lowry, F. Leberl, and G. Domik, „Digital Terrain Mapping with STAR-1 SAR Data“, in IEEE Geoscience and Remote Sensing Symposium IGARSS'86, Zurich, IEEE-Proceedings, 1986, p. 645-650.	<a href="#">Full text</a>
132	K. Kubik and F. Leberl, „Fractal Behavior of Terrain Topography“, in Annual Convention of the American Society of Photogrammetry and Remote Sensing, ASPRS-Proceedings, 1986, p. 187-190.	<a href="#">Full text</a>
131	G. Gustafson, F. Leberl, and E. Kienegger, „Measuring from Long Range Oblique Photography (LOROP)“, in Airborne Reconnaissance X, Society for Instrumentation Engineers SPIE, SPIE Proceedings, 1986, vol. 694, p. 92-100.	<a href="#">Full text</a>
130	F. Leberl, G. Domik, J. Raggam, J. Cimino, and M. Kobrick, „Multiple Incidence Angle SIR-B Experiment over Argentina: Stereo-Radargrammetric Analysis“, IEEE Transactions on Geoscience and Remote Sensing, vol. GE 24, p. 482-491, 1986.	<a href="#">Full text</a>
129	G. Domik, F. Leberl, and J. Cimino, „Multiple Incidence Angle SIR-B Experiment over Argentina--Generation of Secondary Image Products“, IEEE Transactions on Geoscience and Remote Sensing, vol. GE-24, p. 492-497, 1986.	<a href="#">Full text</a>
128	K. Fullerton, F. Leberl, and R. Marque, „Opposite-Side SAR Image Processing for Stereo Viewing“, Photogrammetric Engineering and Remote Sensing, vol. 52, no. 9, p. 1487-1498, 1986.	<a href="#">Full text</a>
127	M. Kobrick, F. Leberl, and J. Raggam, „Radar Stereo Mapping with Crossing Flight Lines“, Canadian Journal of Remote Sensing, vol. 12, no. 2, p. 132-148, 1986.	<a href="#">Full text</a>
126	F. Leberl, G. Domik, J. Raggam, and M. Kobrick, „Radar Stereo-Mapping Techniques and Application to SIR-B Images of Mt. Shasta“, IEEE Transactions on Geoscience and Remote Sensing, vol. GE-24, p. 473-481, 1986.	<a href="#">Full text</a>
125	F. Leberl, G. Domik, J. Raggam, J. Cimino, and M. Kobrick, „Radargrammetric Experiments with Space Shuttle SIR-B Imagery“, in Symposium of Commission II of the International Society for Photogrammetry and Remote Sensing, Baltimore, MD, Archives of the ISPRS, Vol Part 1986, p. 333-344.	<a href="#">Full text</a>
124	F. Leberl, G. Domik, J. Raggam, J. Cimino, and M. Kobrick, „Space Shuttle Radargrammetry Results“, in Annual Convention of the American Society of Photogrammetry and Remote Sensing ASPRS, Proceedings of the ASPRS, 1986, p. 198-201.	<a href="#">Full text</a>
123	G. Domik and F. Leberl, „Using Secondary Image Products to Aid in Understanding and Interpretation of Radar Imagery“, in IEEE Geoscience and Remote Sensing Symposium IGARSS'86, Zuerich, IEEE-Proceedings, 1986, p. 467-468.	<a href="#">Full text</a>
122	F. Leberl, J. Raggam, M. Kobrick, Mt. Shasta from SIR-B Stereo Images. SCIENCE, Vol 232, Frontispiece.	<a href="#">Full text</a>
<b>1985</b>		
121	F. Leberl, D. Olson, and W. Lichtner, „ASTRA--A System for Automated Scale Transition“, Photogrammetric Engineering and Remote Sensing, vol. 52, no. 2, p. 251-258, 1985.	<a href="#">Full text</a>
120	F. Leberl, G. Domik, and M. Kobrick, „Mapping with Aircraft and Satellite Radar Images“, The Photogrammetric Record, vol. 11 (66), p. 647-666, 1985.	<a href="#">Full text</a>
119	F. Leberl, V. Kaufmann, G. Gustafson, M. Stevens, and E. Kienegger, „Photogrammetric Tools for Panoramic Sector Scan Imagery in the VIDARS Analysis Station“, in Airborne Reconnaissance IX, SPIE Report, 1985, vol. 561.	<a href="#">Full text</a>
118	Domik, G., Leberl, F., Kienegger, E., and Raggam, J. 1985, <i>Study on the Use and Characteristics of SAR for Geological Applications/Radargrammetry Aspects</i> , Final Report on ESA/ESOC contract number 5443/83/D/IM(SC); 97 pages.	<a href="#">Full text</a>
117	J. Raggam, G. Triebnig, G. Domik, M. Buchroithner, and F. Leberl, „Radargrammetric Aspects of SAR Data Evaluation“, in European Space Agency [ESA] Special Report, vol. 257, ESA-Paris, France: , 1985, p. 57-64.	<a href="#">Full text</a>
116	F. Leberl, J. Raggam, and M. Kobrick, „On Stereo Viewing of SAR Images“, IEEE Transactions on Geoscience and Remote Sensing, vol. GE-23, no. 2, p. 110-117, 1985.	<a href="#">Full text</a>
<b>1984</b>		
115	F. Leberl "Geometric Processing of Remote Sensing Images", Lecture Notes for the MSc-Course P2, Int. Inst. for Aerospace Survey and Earth Sciences, now Faculty of Geoinformation and Earth Sciences, Technical University Twente, Enschede, The Netherlands, 68 pages.	<a href="#">Full text</a>
114	G. Domik, M. Kobrick, and F. Leberl, „Analyse von Radarbildern mittels digitaler Höhenmodelle“, Bildmessung und Luftbildwesen, vol. 52, nr. 5, p. 249-263, 1984.	<a href="#">Full text</a>
113	H. Ranzinger, F. Leberl: <i>Correcting a Digital Map Data Base by Scene Analysis: Concepts and Methods</i> , Fourth Progress Report Contract Number DAJA 45-83-C-0022, European Research Office London, 13 p.	<a href="#">Full Text</a>
112	F. Leberl, S. Glaenzner, and M. Beer, „Automatische Digitalisierung von Höhenlinien und Herstellung eines dichten Höhenrasters“, in Kartographie in Deutschland, Schweiz, Österreich, E. Arnberger, Ed. Österreichische Akademie der Wissenschaften, Vienna: , 1984, p. 281-302.	<a href="#">Full text</a>
111	G. Domik, F. Leberl, and J. Raggam, <i>Differential Rectification of SLR Images Using Map-Derived and Radar-Generated Digital Elevation Models</i> , Graz Research Center Joanneum DIBAG Reports., vol. 17. Graz, Austria: , 1984, p. 69.	<a href="#">Full text</a>

110	F. Leberl, „Digital Mapping and Information Systems“, in Computer- Aided Map Information Systems, 29 Nov.-1 Dec. 1983 , G. Oesterhelt, Ed. SysScan GmbH, Munich, Germany , 1984.	<a href="#">Full text</a>
109	H. Oswald, F. Leberl, G. Gell, and W. D. Sager, Digitale Bearbeitung und Auswertung computertomographischer Bilder, Graz Research Center Joanneum DIBAG Reports., vol. 15. Graz, Austria: , 1984, p. xx.	<a href="#">Full text</a>
108	F. Leberl, „Entwicklungsarbeiten am Institut für digitale Bildverarbeitung und Graphik des FZG“, E + M, Springer-Verlag, Vienna-New York, vol. 1, no. 6, p. 285-292, 1984.	<a href="#">Full text</a>
107	F. Leberl, S. Glaenzer, and M. Beer, „Herstellung sehr dichter Höhenraster aus digitalisierten Schichtenlinien“, Zeitschrift für Vermessungswesen, vol. 109, no. 1, p. 27-33, 1984.	<a href="#">Full text</a>
106	F. Leberl, H. Ranzinger, „Mustererkennung und Bildverarbeitung für Anwendungen in der Geoinformatik“, in Überblicke Informationsverarbeitung, H. Maurer, Ed. Springer Verlag: , 1984, p. 95-144.	<a href="#">Full text</a>
105	F. Leberl, „Pattern Recognition in Photogrammetry“, Photogrammetria, vol. 39, no. 3 and 4-6 [Guest Editor]. 1984.	<a href="#">Full text</a>
104	F. Leberl, „Radar: An Active Remote Sensing System for East Africa“ „, in ITC Special Report on the Seminar on Remote Sensing-Decision Making, Nairobi, Kenya, J. van den Broek, Ed. International Institute for Geoinformation and Earth Sciences (ITC) Special Report: , 1984, p. 93-99.	<a href="#">Full text</a>
103	G. Domik, F. Leberl, and M. Kobrick, „Radar Image Simulation and its Application in Image Analysis“, in Congress of the International Society for Photogrammetry and Remote Sensing ISPRS, Rio de Janeiro, Brasil, 1984, vol. 25-A3a, p. 99-105.	<a href="#">Full text</a>
102	G. Domik, J. Raggam, and F. Leberl, „Rectification of Radar Images Using Stereo- Derived Height Models and Simulations“, in Congress of the International Society for Photogrammetry and Remote Sensing, Rio de Janeiro, Brasil, 1984, vol. 25-A3a, p. 109-111.	<a href="#">Full text</a>
101	F. Leberl, „Report on Working Group III/5 on Mathematical Pattern Recognition and Image Analysis“, in 15th Congress of the International Society for Photogrammetry and Remote Sensing, Rio de Janeiro, Brasil, Archives of the ISPRS, 1984, vol. B3.	<a href="#">Full text</a>
100	F. Leberl, „Review of Positioning Techniques for Remote Sensing“, in ITC Special Report on the Seminar on Remote Sensing-Decision Making, Nairobi, Kenya, J. van den Broek, Ed. ITC- Enschede: , 1984, p. 101-109.	<a href="#">Full text</a>
99	Johannes Raggam and F. Leberl, „SMART - A Program for Radar Stereo Mapping on the Kern DSR-1“, in Annual Convention of the American Society for Photogrammetry and Remote Sensing, Proceedings of the ASPRS , 1984.	<a href="#">Full text</a>
98	H. Fuchs and F. Leberl, „Universal Analytical Plotter Software for Photography with Perspective Geometry (CRISP). „, in Annual Convention of the American Society of Photogrammetry and Remote Sensing, 1984, p. 774-781.	<a href="#">Full text</a>
97	F. Leberl: <i>Book Review of "Microwave Remote Sensing—Active and Passive"</i> , by FT Ulaby. RK Moore and AK Fung. International J. of Remote Sensing, Vol. 5, No. 2, pp. 463-463	<a href="#">Full Text</a>
96	H. Ranzinger and F. Leberl, Verfahren der Vorverarbeitung und Analyse synergetischer Datensätze aus der Fernerkundung, Graz Research Center Joanneum DIBAG Reports., vol. 14. Graz, Austria: , 1984, 180 p.	<a href="#">Full text</a>
<b>1983</b>		
95	G. Domik, F. Leberl, and J. Raggam, Evaluation of Radargrammetric Stereo, vol. 11. Final Report on Contract No. F49620-82-C0053, European Office of Aerospace and Development, London and DIBAG Report : , 1983, p. 127.	<a href="#">Full text</a>
94	F. Leberl, „Methods and Possibilities of Digital Image Processing for Application in Photogrammetry“, in Photogrammetric Week, University Stuttgart, Schriftenreihe des Instituts für Photogrammetrie der Universitaet Stuttgart, Germany, 1983, vol. 9, p. 171-178.	<a href="#">Full text</a>
93	F. Leberl, „Photogrammetric Aspects of Remote Sensing with Imaging Radar“, Remote Sensing Reviews, vol. 1, p. 71-158, 1983.	<a href="#">Full text</a>
92	F. Leberl, „Photogrammetrische Konzepte zur Auswertung von 2D und 3D Szenen“, in 5. DAGM Symposium [Deutsche Arbeitsgemeinschaft fuer Mustererkennung], Karlsruhe, Germany, VDE- Fachberichte, VDE-Verlaag GmbH, Berlin-Offenbach. 1983, p. 11-29.	<a href="#">Full text</a>
91	F. Leberl, J. Raggam, C. Elachi, and W. Campbell, „Sea Ice Motion Measurements from SEASAT-SAR Images“, Journal of Geophysical Research, vol. 88, Number C3, p. 1915-1928, 1983.	<a href="#">Full text</a>
90	F. Leberl and M. Kobrick, „Stereo Imaging with Spaceborne Radars“, in Spaceborne Imaging Radar Symposium, Jet Propulsion Laboratory, Pasadena USA, 17-20 January, NASA-Jet Propulsion Laboratory Publication, 1983, vol. 83-11, p. 53-55.	<a href="#">Full text</a>
89	F. Leberl, J. Raggam, and H. Ranzinger, „Zur Nutzung multispektraler Satellitendaten“, Österreichische Zeitschrift für Vermessungswesen und Photogrammetrie, vol. 71, p. 21-39, 1983.	<a href="#">Full text</a>
<b>1982</b>		
88	F. Leberl, „The Applicability of Satellite Remote Sensing to Small and Medium Scale Mapping“, in EARSeL ESA Symposium on Satellite Remote Sensing for Developing Countries, Igls, Austria, 20-21 April, ESA-Special Publication 175, 1982, p. 81-85.	<a href="#">Full text</a>
87	P. Pointner and F. Leberl, „Automatische Böschungsfächenschraffur“, Allgemeine Vermessungsnachrichten, vol. 8-9, p. 344-351, 1982.	<a href="#">Full text</a>



86	F. Leberl and H. Ranzinger [eds.], Mustererkennung und Bildverarbeitung in Österreich. Schriftenreihe der österreichischen Computergesellschaft OCG Vienna: Vol 15, 1982, p. 232.	<a href="#">Full text</a>
85	F. Leberl, „Pattern Recognition and Image Processing Report of Working Group III-5“, in Symposium of Commission III of the International Society for Photogrammetry and Remote Sensing, 7-11 June, Helsinki, Finland, Archives of the ISPRS, 1982, vol. 24-B3, p. 591-596.	<a href="#">Full text</a>
84	H. Oswald, W. Kropatsch, and F. Leberl, „A Perspective Projection Algorithm with Fast Evaluation of Visibility for Discrete Three-Dimensional Scenes“, in IEEE International Symposium on Medical Imaging and Image Interpretation IISMI'82, IEEE Catalog No. 82CH 1804-4, 1982, p. 464-468.	<a href="#">Full text</a>
83	F. Leberl, „Radargrammetry and Merging of Multisensor Data“, in Symposium of Commission II of the International Society for Photogrammetry and Remote Sensing, Archives of the ISPRS, 1982, vol. 24-B2/ISSN 0252-8231, p. 536-546.	<a href="#">Full text</a>
82	F. Leberl and D. Olson, „Raster Scanning for Operational Digitizing of Graphical Data“, Photogrammetric Engineering and Remote Sensing, vol. 48, no. 4, p. 615-627, 1982.	<a href="#">Full text</a>
81	F. Leberl and H. Ranzinger, Registration of Digitized Aerial Photography with a Digital Map Data Base, vol. 6. DIBAG-Report, Graz Research Centre Joanneum, Austria: , 1982, p. 150.	<a href="#">Full text</a>
80	F. Leberl and J. Raggam, Satellite Radargrammetry - Phase I, vol. 4. Graz Research Centre Joanneum DIBAG Report: , 1982, p. 219.	<a href="#">Full text</a>
79	H. Fuchs and F. Leberl, „CRISP- A Software System for Close Range Photogrammetry for the Kern DSR-1 Analytical Stereo Plotter“, in Symposium on "Precision and Speed in Close Range Photogrammetry" [Commission V of the International Society of Photogrammetry and Remote Sensing], York, UK, 5-10 September , Archives of the ISPRS, Commission V, 1982, p. 175-184.	<a href="#">Full text</a>
78	F. Leberl, J. Raggam, and M. Kobrick, „Stereo Side-Looking Radar Experiments“, in Symposium of Commission III of the International Society for Photogrammetry and Remote Sensing, 7-11 June, Helsinki, Finland , Archives of the ISPRS, Commission III, 1982, p. 597-611.	<a href="#">Full text</a>
77	F. Leberl, J. Raggam, and M. Kobrick, „Stereo Side-Looking Radar Experiments“, in IEEE Geoscience Remote Sensing Symposium IGARSS „81, Munich, Germany, Technical University Munich, Germany, 1982, vol. 11, p. TA-5/2.1-2.7 .	<a href="#">Full text</a>
76	F. Leberl and J. Raggam, „Verfahren der statistischen Klassifizierung von Mehrfachbildern aus Satelliten“, in Mustererkennung und Bildverarbeitung in Österreich, Publications of the Austrian Computer Society OCG, Vienna, 1982, Vol. 1, p. 69-92.	<a href="#">Full text</a>
<b>1981</b>		
75	H. Oswald, Walter G. Kropatsch, Franz Leberl, Günter Gell, W.D. Sager, and G. Stöffler. <i>Experimente zur dreidimensionalen Darstellung von Objekten aus computertomographischen Bildern</i> . In 2. Grazer CT-Symposium, 2. - 3. October 1981.	Text lost
74	W. Kropatsch and F. Leberl, Automated Registration of Scanned Satellite Images with a Digital Map Data Base, vol. 1. DIBAG-Report of the Graz Research Centre, Graz, Austria: , 1981, p. 156.	<a href="#">Full text</a>
73	M. Ranzinger, W. Kainz, and F. Leberl, DESBOD Systemspezifikation, vol. 2. DIBAG-Report, Graz Research Center Joanneum: , 1981, p. 133.	<a href="#">Full text</a>
72	F. Leberl, „Fernerkundung mit aktiven Sensoren“, in 1st Austrian Symposium on Remote Sensing, Mitteilungen der forstlichen Versuchsanstalt Wien, Österreichischer Agrarverlag, A-1141 Vienna, 1981, vol. 135, p. 77-94.	<a href="#">Full text</a>
71	W. Kropatsch and F. Leberl, „Organisation kartographischer Daten zur kennntnisgestützten Bildanalyse“, in Modelle und Strukturen, vol. 49, Informatik-Fachberichte, Springer-Verlag: , 1981, p. 167-173.	<a href="#">Full text</a>
70	F. Leberl, H. Fuchs, and J. Ford, „A Radar Image Time Series“, International Journal of Remote Sensing, vol. 2, p. 155-183, 1981.	<a href="#">Full text</a>
69	F. Leberl, „Über die Stereobetrachtung von Radarbildern“, in Festschrift Professor Karl Rinner, vol. 40, Mitteilungen der geodaetischen Institute der Technischen Universitaet Graz, Austria: , 1981, p. 215-231.	<a href="#">Full text</a>
68	F. Leberl, „The Venus Orbital Imaging Radar (VOIR) Mission“, in Albach Summer School, 29 July-7 August, Proceedings European Space Agency Paris ESA-Special Publication SP 164, 1981, p. 189-197.	<a href="#">Full text</a>
<b>1980</b>		
67	F. Leberl and E. Clerici, „Current Status of Metric Reduction of Active Sensor Data“, in 14th Congress of the International Society of Photogrammetry, Hamburg, Germany, Archives of the International Society for Photogrammetry, 1980, vol. 23/B3 [Commission III], p. 435-450.	<a href="#">Full text</a>
66	F. Leberl, „Die Erforschung der Oberfläche des Planeten Venus“, in Festschrift Professor Hubeny, Mitteilungen der Geodaetischen Institute, vol. 35, Geodetic Institutes, Graz University of Technology, Austria: , 1980, pp. 133-151	<a href="#">Full text</a>
65	F. Leberl, H. Fuchs, and J. Ford, „Eine Radarbild Zeitreihe“, in Mitteilungen der Geodaetischen Institute der Technischen Universitaet Graz, vol. 34, Graz University of Technology, Graz, Austria: , 1980, p. 31-58.	<a href="#">Full text</a>

64	F. Leberl and W. Kropatsch, „Experiments with Automatic Feature Analysis Using Maps and Images“, in 14th Congress of the International Society for Photogrammetry, Hamburg, Germany, Archives of the International Society for Photogrammetry, 1980, vol. 23/B3 [Commission III], p. 451-457.	<a href="#">Full text</a>
63	F. Leberl, W. Kropatsch, and V. Lipp, „Interpolation of Raster Heights from Digitized Contour Lines“, in 14th Congress of the International Society of Photogrammetry, Hamburg, Germany, Archives of the International Society for Photogrammetry, 1980, vol. 23/B3 [Commission III], p. 458-468.	<a href="#">Full text</a>
62	Leberl, F. & Fuchs, H., 1980, <i>Photogrammetric Differential Rectification</i> . Beiträge zur Radargrammetrie und digitalen Bildverarbeitung. 1 Aufl. Graz, Band 33. S. 5-30 (Mitteilungen der Geodätischen Institute der Technischen Universität Graz).	
61	Leberl, F., T. Keating 1980, <i>Report of Activities 1976-78 ISP WG III/2 Image Processing</i> Beiträge zur Radargrammetrie und digitalen Bildverarbeitung. Band 33. Mitteilungen der Geodätischen Institute der Technischen Universität Graz., Band 33. S. 81-92	
60	F. Leberl, „Preliminary Radargrammetric Assessment of SEASAT Synthetic Aperture Radar Images“, in Mitteilungen der Geodätischen Institute der Technischen Universität Graz, vol. 33, Graz University of Technology, Austria: , 1980, p. 59-80.	<a href="#">Full text</a>
<b>1979</b>		
59	F. Leberl, „Accuracy Analysis of Stereo Side-Looking Radar“, Photogrammetric Engineering and Remote Sensing, vol. 45, p. 1083-1096, 1979.	<a href="#">Full text</a>
58	F. Leberl, Accuracy Aspects of Stereo Side-Looking Radar, vol. TR 79-17. Technical Report, Jet Propulsion Laboratory, Pasadena, California: , 1979, p. 52.	<a href="#">Full text</a>
57	F. Leberl, „Application of Imaging Radar to Mapping“, in NASA Workshop on Radar Geology, Snowmass, Colorado, 16-20 July 1979, NASA Special Report, Washington, DC, pp. 307-335, 1979.	<a href="#">Full text</a>
56	W. Kropatsch and F. Leberl, „Map-Guided Automatic Feature Recognition in Digital Satellite Images“, in 3rd Intl. GDTA Conference, Toulouse, France, 19-22 June 1979, Proceedings, GDTA-Toulouse, France, 1979, p. 130-138. Auch in Mitteilungen der geodätischen Institute der TU Graz, Folge 33, pp. 93-106	<a href="#">Full text</a>
55	F. Leberl, L. Bryan, T. Farr, C. Elachi, and W. J. Campbell, „Mapping of Sea Ice and Measurement of Its Drift Using Aircraft Synthetic Aperture Radar Images“, Journal of Geophysical Research, vol. 84/094, p. 1827-1835, 1979.	<a href="#">Full text</a>
54	F. Leberl, „Techniques and Applications of Remote Sensing“, in 1st Hungarian Symposium on Remote Sensing, 23-24 April 1979, Sopron, Hungary, Proceedings, Sopron, Hungary, 1979, p. 73-102.	<a href="#">Full text</a>
<b>1978</b>		
53	F. Leberl <i>Book Review of Introduction to the Mathematics of Inversion in Remote Sensing and Indirect Measurement by S. Twomey</i> . For Photogrammetria (34), pp 250-262	<a href="#">Full text</a>
52	F. Leberl <i>Book Review of Observations and Least Squares by E. Mikhail</i> . For Photogrammetria (34), pp 250-262	<a href="#">Full text</a>
51	W. Kropatsch and F. Leberl, „Concept for the Automatic Registration of Satellite Images with a Digital Map Data Base“, in Symposium of Commission IV, International Society of Photogrammetry, Ottawa, Canada, 6-8 October 1978, Archives of the International Society for Photogrammetry, Ottawa, Canada, 1978, p. 411-424.	<a href="#">Full text</a>
50	F. Leberl, „Current Status and Perspectives of Active Microwave Imaging for Geoscience Purposes“, The ITC Journal, vol. 1978, no. 1, 1978.	<a href="#">Full text</a>
49	W. Kropatsch and F. Leberl, „Die Erkennung von Kanten und Linien in digitalen Bildern“, in Symposium of Commission III, International Society of Photogrammetry, 30 July-5 August 1978, Moscow, USSR, Proceedings, Moscow, USSR, 1978, p. 548-573.	<a href="#">Full text</a>
48	F. Leberl, J. Soha, and A. Meijerink, „Digital Picture Processing and Its Impact on the Interpretation of Images“, in Symposium of Commission VII, International Society of Photogrammetry, 3-8 July 1978, Freiburg im Breisgau, Germany, Proceedings, University of Freiburg im Breisgau, Germany, 1978, p. 245-260.	<a href="#">Full text</a>
47	F. Leberl, C. Elachi, <i>Mapping with Satellite Side-Looking Radar</i> , in 2nd GDTA Symp. on Remote Sensing from Aerospace Platforms, Proceed., 2nd GDTA Symp. on Remote Sensing from Aerospace Platforms, Paris, France, 21-23 September 1977, 1978, p. 451-464.	<a href="#">Full text</a>
46	W. J. Campbell, ....., F. Leberl, and T. Farr, „Microwave Remote Sensing of Sea Ice in the AIDJEX Main Experiment“, Boundary Layer Meteorology, vol. 13, p. 309-337, 1978.	<a href="#">Full text</a>
45	F. Leberl, „Möglichkeiten der Photogrammetrie und Fernerkundung im Gebirge“, in International Geodetic Week Obergurgl, 19-25 February 1978, Mitteilungen des Institutes für Vermessungswesen und Photogrammetrie, Universität Innsbruck, 1978, vol. 3.	<a href="#">Full text</a>
44	F. Leberl and H. Fuchs, „Photogrammetric Differential Rectification of Side-Looking Radar Images“, in Symposium of Comm. III, International Society of Photogrammetry, 30 July-5 August 1978, Moscow, USSR, Proceedings, Moscow USSR, 1978, p. 434-455.	<a href="#">Full text</a>
43	F. Leberl, „Radar Mapping Using Single Images, Stereo Pairs and Image Blocks - Methods and Applications“, Revista Brasileira de Cartografia, vol. 20, p. 16-26, 1978.	<a href="#">Full text</a>
42	F. Leberl and T. Keating, „Report of the Working Group III/2 on Image Processing, 1976-1978“, in Symposium of Commission III, International Society of Photogrammetry, 30 July-5 August 1978, Moscow, USSR, Proceedings, Moscow, USSR, 1978, p. 19-28.	<a href="#">Full text</a>
41	F. Leberl, Satellitenradargrammetrie, vol. C, no. 239. German Geodetic Commission, Munich, Publications-Series: , 1978, p. 156.	<a href="#">Full text</a>
40	F. Leberl, „Zur Herstellung von Kartenunterlagen mittels Fernerkundung und Satellitenphotographie“, in Geowissenschaftliche Mitteilungen der Technischen Universität Wien, vol. 13, 1978, p. 189-223.	<a href="#">Full text</a>

**1977**

- 39 F. Leberl [ed], Image Processing: Interactions with Photogrammetry and Remote Sensing, Proceedings of the International Symposium on Image Processing, 3-5 October 1977, Graz, Austria, Geowissenschaftliche Mitteilungen der Technischen Universitaet Graz: vol. 29, 1977, 250.p. [Full text](#)
- 38 M. Kobrick and F. Leberl, „Science and Radargrammetry“, in Venus Orbiter Imaging Radar FY 77 Study Report - Radar Studies, R. Beal, Ed. Jet Propulsion Laboratory Report 660-60, Pasadena, California: , 1977, p. 2.1-2.22. [Full text](#)
- 37 F. Leberl, „Side-Looking Radar Images Applied to Mapping“, in Proc. Conference of the European Research Office on Image Processing and Inertial Surveying, 1-3 September, Trinity College, Dublin, Ireland, R. Cox & G. Konecny [eds.], 1977, p. 43-52. [Full text](#)
- 36 Len Bryan, T. Farr, F. Leberl, and C. Elachi, „Synthetic Aperture Radar Imagery of the AIDJEX-Triangle“, AIDJEX Bulletin of the Arctic Ice Dynamics Joint Experiment, University of Washington, Division of Marine Resources, vol. 37, p. 161-166, 1977. [Full text](#)

**1976**

- 35 F. Leberl, „Imaging Radar Applications to Mapping and Charting“, Preprint of an Invited Paper for the ISPRS Congres in Helsinki, Jet Propulsion laboratory, Pasadean, California, 1976, 16 pages [Full Text](#)
- 34 F. Leberl, „Imaging Radar Applications to Mapping and Charting“, Photogrammetria, vol. 3, p. 75-100, 1976. [Full text](#)
- 33 F. Leberl, „Interpolation mittels Stützpunktgruppen unterschiedlicher statistischer Eigenschaften“, Zeitschrift für Vermessungswesen, vol. 101, no. 9, p. 369-377, 1976. [Full text](#)
- 32 F. Leberl, „Interpolation of a Surface from Sets of Discrete Height Data of Differing Statistical Characteristics“, in 42nd Annual Convention of the American Society for Photogrammetry and Remote Sensing, Proceedings, Washington DC, 1976, p. 517-528. [Full text](#)
- 31 F. Leberl, „Mapping of Lunar Surface from Side-Looking Orbital Radar Images“, The Moon, vol. 15, p. 329-342, 1976. [Full text](#)
- 30 F. Leberl, *Radargrammetry for Image Interpretation* , Revised Edition, vol. 2. ITC Technical Report, International Institute for Geoinformation and Earth Sciences, Enschede, The Netherlands: , 1976, p. 200. [Full text](#)
- 29 F. Leberl, H. Jensen, and J. Kaplan, „Side-Looking Radar Mosaicking Experiment“, Photogrammetric Engineering and Remote Sensing, vol. 42, no. 8, p. 1035-1042, 1976. [Full text](#)
- 28 J. Jensen, F. Leberl: *Space Shuttle Imaging Radar and Its Application to Mapping, Charting and Geodesy* , in Applications Review for a Space Program, Remote Sensing Research Unit, D. Simonett, Ed. Proceedings, University of California at Santa Barbara, 1976, pp 6-1 to 6-27 [Full text](#)
- 27 F. Leberl, T. Farr, L. Bryan, and C. Elachi, „Study of Arctic Sea Ice Drift from L-Band Synthetic Aperture Radar“, in 42nd Annual Convention of the American Society for Photogrammetry and Remote Sensing, Proceedings, Washington, DC, 1976, p. 597-611. [Full text](#)
- 26 F. Leberl, A.F.H. Goetz: Entwicklungstendenzen der digitalen Bildbearbeitung. Technisches Manuskript, Jet Propulsion Laboratory, pp.1-3. [Full Text](#)
- 25 F. Leberl and A. F. H. Goetz, „Übersicht über den gegenwärtigen Stand der digitalen Bildverarbeitung“, Österreichische Zeitschrift für Vermessungswesen und Photogrammetrie, vol. 63, no. 3, p. 104-126, 1976. [Full text](#)

**1975**

- 24 F. Leberl, *Geometry of, and Plotting from, Single Strips of Side-Looking Airborne Radar Imagery* . ITC Technical Report, Vol 1, ITC Delft/Enschede, The Netherlands: , 1975, p. 148. [Full Text](#)
- 23 F. Leberl, „Lunar Radargrammetry with ALSE-VHF Imagery“, in Proceedings of the American Society for Photogrammetry Fall Technical Meeting, Phoenix, Arizona, 1975, p. 266-285. [Full Text](#)
- 22 F. Leberl, „Photogrammetric Interpolation“, Photogrammetric Engineering and Remote Sensing, vol. 41, no. 5, p. 603-612, 1975. [Full Text](#)
- 21 F. Leberl, „Photogrammetric Interpolation“, The ITC Journal, vol. 1975, no. 2, p. 205-229, 1975. [Full Text](#)
- 20 F. Leberl, „Radargrammetric Point Determination PRORADAM“, Bildmessung und Luftbildwesen, vol. 43, no. 1, p. 11-17, 1975. [Full Text](#)
- 19 F. Leberl, Radargrammetry for Image Interpreters, vol. 2. ITC Technical Reports, Enschede, The Netherlands: , 1975, p. 136. [Full Text](#)
- 18 F. Leberl, „Sequential and Simultaneous SLAR Block Adjustment“, Photogrammetria, vol. 31, p. 35-51, 1975. [Full Text](#)

**1974**

- 17 F. Leberl and B. Makarovic, „Etudes de l'TTC sur les Modèles Numériques du Terrain“, Bulletin de la Société Française de Photogrammétrie, vol. 56, p. 5-19, 1974. [Full Text](#)
- 16 F. Leberl, „Evaluation of SLAR Image Quality and Geometry PRORADAM“, The ITC Journal, vol. 1974, no. 4, p. 518-546, 1974. [Full Text](#)
- 15 J. Visser, F. Leberl, and J. Kure, „OEEPE Oberschwaben Reseau Investigations“, The ITC Journal, vol. 1974, no. 2, p. 138-166, 1974. [Full Text](#)

**1973**

- 14 F. Leberl, „Interpolation in Square Grid Digital Terrain Model“, The ITC Journal, vol. 1973, no. 5, p. 756-807, 1973. [Full Text](#)

13	J. Visser, F. Leberl, and J. Kure, „OEEPE Oberschwaben Reseau Investigations“, in Publication of the Organisation Européenne d'Études Photogrammétriques Experimentales (OEEPE), vol. 8, Institut fuer Angewandte Geodaesie, Frankfurt, Germany: , 1973, p. 289-316.	<a href="#">Full Text</a>
12	F. Leberl, Radargrammetria para los Interpretes de Imagenes. Technical Report, Centro Interamericano de Fotointerpretacion, Bogota, Colombia: , 1973, p. 178.	<a href="#">Full Text</a>
11	F. Leberl, B. Makarovic (1973) „Report on the Activities of Commission IV of the International Society for Photogrammetry in the Period 1968-1972“, The ITC Journal, vol. 1973, no. 1, p. 53-75	<a href="#">Full Text</a>
10	F. Leberl, J. Heimes, B. Kunji (1973) „Simulation of Camera Elements (Flight Parameters)“, in 44th Meeting of the Comité Directeur Concerning a Research Programme for the Organisation Européenne d'Études Photogrammétriques Experimentales (OEEPE), Report of the Comité Exécutif, Institut für Angewandte Geodäsie Frankfurt, Germany, 1973, p. 1-17	<a href="#">Full Text</a>
<b>1972</b>		
9	F. Leberl <i>Transformation - Interpolation of Inconsistent Coordinates</i> . Technical Note, International Institute for Aerial Surveys and Earth Sciences [then ITC-Delft, now Institute for Geoinformation and Earth Sciences], TU Twente, Netherlands. 26 pages	<a href="#">Full Text</a>
8	F. Leberl, „Bemerkungen zur Ein Zweistrahl-Infrarot-Zeilenabstaster für stereoskopische Wärmebilder“, Bildmessung und Luftbildwesen, vol. 40, no. 5, p. 228-229, 1972.	<a href="#">Full Text</a>
7	F. Leberl, „Evaluation of Single Strips of SLAR Imagery“, in 12th International Congress on Photogrammetry, Ottawa, Canada, Archives of the ISPRS, Vol Part, 1972, p. 1-55.	<a href="#">Full Text</a>
6	F. Leberl, „On Model Formation with Remote Sensing Imagery“, Österreichische Zeitschrift für Vermessungswesen, vol. 60, p. 43-61, 1972.	<a href="#">Full Text</a>
<b>1971</b>		
5	F. Leberl, „Remote Sensing - Neue Methoden zur Wahrnehmung auf Abstand“, Österr. Z. für Vermessungswesen, vol. 59, no. 6, p. 178-189, 1971.	<a href="#">Full Text</a>
4	F. Leberl, <i>Untersuchung über die Geometrie und Einzelbildauswertung von Radarschrägaufnahmen</i> . Doctoral Dissertation, Vienna University of Technology, Vienna, Austria: , 1971, p. 234.	<a href="#">Full Text</a>
3	F. Leberl, „Vorschläge zur instrumentellen Entzerrung von Abbildungen mit Seitwärts-Radar (SLAR) und Infrarotabtastsystemen (IRLS)“, Bildmessung und Luftbildwesen, vol. 39, no. 2, p. 85-90, 1971.	<a href="#">Full Text</a>
<b>1970</b>		
2	F. Leberl, „Einfache und verknüpfte Polynome zur Darstellung von Verzeichnungskurven“, Bildmessung und Luftbildwesen, vol. 38, no. 2, p. 145-149, 1970.	<a href="#">Full Text</a>
1	F. Leberl, „Metric Properties of Imagery Produced by Side-looking Airborne Radar (SLAR) and Infrared Line Scanning Systems (IRLS)“, in Symposium of Commission IV, International Society for Photogrammetry (ISP), September, Delft, The Netherlands, 1970, ITC-Publication., vol. A, no. 50, p. 125-151.	<a href="#">Full Text</a>