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List of Publications (August 2021):

I. REFEREED JOURNALS:

1. Hans Irschik, "Ein Integralgleichungsverfahren zur Berechnung allseits frei drehbar gelagerter Trapezplatten mit rechten Winkeln.", in *ZAMM*, Vol. 60, Seite(n) T125-T127, 1980
2. Hans Irschik, "Zur Berechnung thermisch belasteter, dünner, elastischer Platten.", in *ZAMM*, Vol. 61, Seite(n) T97-T99, 1981
3. Hans Irschik, Franz Ziegler, "Application of the Green's Function Method to Thin Elastic Polygonal Plates.", in *Acta Mechanica*, Vol. 39, Seite(n) 155-169, 1981
4. Hans Irschik, "Eine Analogie zwischen Lösungen für schubstarre und schubelastische Platten.", in *ZAMM*, Vol. 62, Seite(n) T129-T131, 1982
5. Hans Irschik, "Erweiterung eines Randintegralgleichungsverfahrens auf Platten mit elastisch gelagerten Rändern.", in *ZAMM*, Vol. 63, Seite(n) T174-T177, 1983
6. Hans Irschik, "Ein Randintegralgleichungsverfahren für temperaturmoment-beanspruchte Platten.", in *Ingenieur-Archiv*, Vol. 53, Seite(n) 197-207, 1983
7. Hans Irschik, "A boundary-integral equation method for bending of orthotropic plates.", in *International Journal of Solids and Structures*, Vol. 20, Seite(n) 245-255, 1984
8. Hans Irschik, "Membrane-Type Eigenmotions of Mindlin Plates.", in *Acta Mechanica*, Vol. 55, Seite(n) 1-20, 1985
9. Hans Irschik, Franz Ziegler, "Thermal shock loading of elastoplastic beams.", in *Journal of Thermal Stresses*, Vol. 8, Seite(n) 53-69, 1985
10. Hans Irschik, Franz Ziegler, "Nonstationary random vibrations of yielding frames.", in *Nuclear Engineering and Design*, Vol. 90, Seite(n) 357-364, 1985
11. Franz Ziegler, Hans Irschik, "Dynamic Analysis of Elastic-Plastic Beams by Means of Thermoelastic Solutions.", in *International Journal Solids Structures*, Vol. 21, Seite(n) 819-829, 1985
12. Hans Irschik, "Das Mohrsche Verfahren zur Berechnung von Biegebalken mit nichtlinearem Werkstoffgesetz.", in *Technische Mechanik*, Vol. 6, Seite(n) 21-28, 1985
13. Hans Irschik, "Berechnung plastizierender Biegebalken unter dynamischer Querbelastung in Analogie zum linearen Wärmeschockproblem.", in *ZAMM*, Vol. 65, Seite(n) T60-T62, 1985
14. Josef Kovarik, Hans Irschik, "Iron Removal by Desferrioxamine in Patients on Chronic Hemodialysis - Kinetic Study and Long-Term Results.", in *Contributions to Nephrology*, Vol. 49, Seite(n) 45-55, 1985
15. Josef Kovarik, Helmut Graf, Hans Irschik, "Individuelle Dialyse durch computergesteuerte Verschreibung.", in *Wiener Klinische Wochenschrift*, Vol. 97, Seite(n) 809-812, 1985
16. Hans Irschik, "Biaxial Dynamic Bending of Elastoplastic Beams." , in *Acta Mechanica*, Vol. 62, Seite(n) 155-167, 1986
17. Hans Irschik, "Berechnung inelastischer Platten mittels Einflußfunktionen." , in *Ingenieur-Archiv*, Vol. 56, Seite(n) 332-342, 1986

18. Hans Irschik, "Nonstationary Random Vibrations of Yielding Multi-Degree-of-Freedom Systems: Method of Effective Envelope Functions.", in *Acta Mechanica*, Vol. 60, Seite(n) 265-280, 1986
19. Hans Irschik, "Large Thermoelastic Deflections and Stability of Simply Supported Polygonal Panels.", in *Acta Mechanica*, Vol. 59, Seite(n) 31-46, 1986
20. H. Graf, Hans Irschik, "A New Algorithm for Individual Dialysis Prescription.", in *Medical Progress Through Technology*, Vol. 11, Seite(n) 191-196, 1986
21. Peter Fotiu, Hans Irschik, "Statisch unbestimmte Sandwichbalken mit nichtlinearen Stoffgesetzen.", in *ZAMM*, Vol. 66, Seite(n) T135-T137, 1986
22. Rudolf Heuer, Hans Irschik, "Ein Randintegralgleichungsverfahren für harmonische Schwingungen von trapezförmigen Membranen und Platten.", in *ZAMM*, Vol. 66, Seite(n) T40-41, 1986
23. Hans Irschik, "Zum Einfluß großer Amplituden auf freie Plattenschwingungen.", in *ZAMM*, Vol. 67, Seite(n) T85-T86, 1987
24. Hans Irschik, Rupert Hasenzagl, Franz Ziegler, "Elastoplastische Zufallsschwingungen bei Erdbebenerregung vom Typ Friaul.", in *Österreichische Ingenieur- und Architektenzeitschrift*, Vol. 132, Seite(n) 353-359, 1987
25. Peter Fotiu, Hans Irschik, Franz Ziegler, "Forced Vibrations of an Elasto-Plastic and Deteriorating Beam.", in *Acta Mechanica*, Vol. 69, Seite(n) 193-203, 1987
26. Rudolf Heuer, Hans Irschik, "A Boundary Element Method for Eigenvalue Problems of Polygonal Membranes and Plates.", in *Acta Mechanica*, Vol. 66, Seite(n) 9-20, 1987
27. Hans Irschik, Franz Ziegler, "Dynamics of Linear Elastic Structures with Selfstress: A Unified Treatment for Linear and Nonlinear Problems.", in *ZAMM*, Vol. 68, Seite(n) 199-205, 1988
28. Peter Fotiu, Hans Irschik, Franz Ziegler, "Analysis of Viscoplastic Sandwich Beams Using Influence Functions.", in *Mechanics of Structures and Machines*, Vol. 16, Seite(n) 35-52, 1988
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32. Peter Fotiu, Hans Irschik, "Modal analysis of vibrating viscoplastic composite beams on multiple supports.", in *Earthquake Engineering and Structural Dynamics*, Vol. 18, Seite(n) 1053-1064, 1989
33. Rupert Hasenzagl, Hans Irschik, "Elasto-plastische Zufallsschwingungen: Neue Ergebnisse der Methode der effektiven Bebenregung.", in *ZAMM*, Vol. 69, Seite(n) T430-T432, 1989
34. Hans Irschik, "Influence of large amplitudes on free flexural vibrations of polygonal, shear-deformable plates – a unifying dimensionless formulation", in *International Journal of Solids and Structures*, Vol. 26, Seite(n) 675-681, 1990
35. H. Hayek, Hans Irschik, Franz Ziegler, "Random excitation of a yielding cantilever: approximate analysis versus simulations.", in *Structural Safety*, Vol. 8, Seite(n) 263-279, 1990
36. Rudolf Heuer, Hans Irschik, Franz Ziegler, "Multi-Modal Approach for Large Natural Flexural Vibrations of Thermally Stressed Plates.", in *Nonlinear Dynamics*, Vol. 1, Seite(n) 449-458, 1990
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44. Renate M. Klauser, Hans Irschik, Josef Kovarik, "Single Dose Response Kinetics of Cyclosporine A: Critical Re-Examination.", in *Transplantations Proceedings*, Vol. 24, Seite(n) 2610-2614, 1992
45. Hans Irschik, "On Vibrations of Layered Beams and Plates (Hauptvortrag GAMM-Tagung Leipzig 1992).", in *ZAMM*, Vol. 73, Seite(n) T34-T45, 1993
46. Hans Irschik, Peter Fotiu, Franz Ziegler, "Extension of Maysel's formula to the dynamic eigenstrain problem." , in *Journal of the Mechanical Behavior of Materials*, Vol. 5, Seite(n) 59-66, 1993
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53. Hans Irschik, Alexander Belyaev, Kurt Schlacher, "Anwendung der Mohrschen Analogie auf "intelligente" Konstruktionen.", in *ZAMM*, Seite(n) 81-82, 1995
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