

Contents

- 379 Introduction, *S. Talebi*
- 381 A Mechanism for High Wall-rock Velocities in Rockbursts, *A. McGarr*
- 393 An Anatomy of a Seismic Sequence in a Deep Gold Mine, *S. J. Gibowicz*
- 415 Scaling Laws for the Design of Rock Support, *P. K. Kaiser and S. M. Maloney*
- 435 Predisposition to Induced Seismicity in Some Czech Coal Mines, *K. Holub*
- 451 Spatial Distribution of Mining Tremors and the Relationship to Rockburst Hazard, *G. Senfaute, C. Chambon, P. Bigarré, Y. Guise and J. P. Josien*
- 461 Induced Seismicity in Liaoning Province, China, *Y. Z. Zhong, C. B. Gao, and Y. Bai*
- 473 On the Nature of Reservoir-induced Seismicity, *P. Talwani*
- 493 Seismicity around Dhamni Dam, Maharashtra, India, *B. K. Rastogi, P. Mandal and N. Kumar*
- 511 Seismotectonics of the Koyna-Warna Area, India, *P. Talwani*
- 551 Delineation of Active Faults, Nucleation Process and Pore Pressure Measurements at Koyna (India), *R. K. Chadha, H. K. Gupta, H. J. Kumpel, P. Mandal, A. Nageswara Rao, N. Kumar, I. Radhakrishna, B. K. Rastogi, I. P. Raju, C. S. P. Sarma, C. Satyamurthy and H. V. S. Satyanarayana*
- 563 Seismic and Aseismic Slips Induced by Large-scale Fluid Injections, *F. H. Cornet, J. Helm, H. Poitrenaud, A. Etchecopar*
- 585 Induced Microseismicity and Procedure for Closure of Brine Production Caverns, *C. Maisons, E. Fortier and M. Valette*
- 605 Three Seismic Nondestructive Methods Used to Monitor Concrete Slab Injection Tests, *K. Saleh, F. P. Hassani, P. Guevremont, A. Sadri, R. Lapointe, G. Ballivy, J. Rhazi and Y. Kharrat*

- 627 Effect of Injected Water on Hydraulic Fracturing Deduced from Acoustic Emission Monitoring, *T. Ishida, Q. Chen and Y. Mizuta*
- 647 An Advanced Nonlinear Signal Analysis Method for Damage Detection in Geomaterials, *B. Bazargan-Sabet, H. Liu and S. Chanchole*
- 661 Estimation of Deeper Structure at the Soultz Hot Dry Rock Field by Means of Reflection Method Using 3C AE as Wave Source, *N. Soma, H. Niitsuma and R. Baria*
- 677 A Miniature Seismic Reflection System of Evaluation of Concrete Linings, *F. P. Hassani, A. Sadri and M. Momayez*
- 693 Analysis of High Frequency Microseismicity Recorded at an Underground Hardrock Mine, *S. D. Butt, D. B. Apel and P. N. Calder*
- 705 Panel Discussion, Workshop on Induced Seismicity, June 18, 1996, *S. Talebi*