

209

RNDr. Zdeněk Fiala, CSc. (naroz. 1955)

Ústav teoretické a aplikované mechaniky AV ČR, v. v. i.

Iomová a výpočetní mechanika

návrh podává: předseda GA AV, člen Akademického sněmu AV ČR

LOMOVÁ MECHANIKA: Z.Fiala, J.Zemánková: Problems in Determination of Interfacial Fracture Toughness by Brazil Nut Specimen, Euromech 358 - Mech.Behav.of Adhesive Joints, Eds: Adams et all., Nevers, 93-104, 1997; D.Lauerová, Z.Fiala, J.Novák: Determination of J-Q locus for material of reactor pressure vessel WWER 440 at cleavage fracture, ECF 14, Eds: A.Neimitz et all., Cracow, 309-316, 2002; - GEOMETRICKÉ ASPEKTY MECHANIKY KONTINUÁ: Z.Fiala: Time derivative obtained by applying the Riemannian manifold of Riemannian metrics to kinematics of continua, Comptes rendus – Mécanique 332(2), 97-102, 2004; Z.Fiala: Novel objective time derivative obtained from applying Riemannian Manifold of Riemannian Metrics to kinematics of continua, Journal of the Mechanical Behaviour of Materials, 15(6), 2004, 391-400; Z.Fiala: Stress rate and incremental principle of virtual work in finite deformations, Engineering Mechanics 2006, Eds: J. Náprstek et all., Svatka, 12pp, 2006;; Z.Fiala: Matrix exponential and geometrical meaning of logarithmic strain, Engineering Mechanics 2007, Eds: I.Zolotarev et all., 12pp, 2007