

adiabatic shear localization second pdf

Twin nucleus proposed by Mahajan and Chin as used in the model presented in Acta Materialia 61 (2013) 494-510. λ is the interplanar spacing in 111 direction, L_0 is the length of the sessile partial dislocations forming the twin nucleus and r is the distance the mobile partial dislocations have bowed out.

TWIP, TRIP, AHSS, stainless steel, high Mn steel, manganese

15 November 2018. 11th FDR Prize announced The 11th FDR Prize has been awarded to Saikat Basu, Ali Yawar, Andres Concha and M M Bandi for the article On angled bounce-off impact of a drop impinging on a flowing soap film published in volume 49 (December 2017) 065509. Read about this and the previous FDR prize winners on the FDR Prize page. 1 July 2018

Fluid Dynamics Research - IOPscience

A new class of rapid-sintering, fine-grained alloys recently developed is being commercially scaled through both traditional and additive manufacturing approaches.

Traditional and additive manufacturing of a new Tungsten

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Sound - Wikipedia

The solid rocket industry, the Department of Energy contractor laboratories and the Department of Defense efforts related to explosives, gun and rocket propellants were surveyed to identify basic and applied research needs to mitigate hazards, particularly for solid rocket propellants.

Hazard initiation in solid rocket and gun propellants and

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IGTI - Rotordynamics.org Technical Literature

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