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[Introduction to MDDP \(Dislocation Dynamics\)](#)

Introduction to MDDP (Dislocation Dynamics) von EnCodeVentor vor 3 Jahren 14 Minuten, 49 Sekunden 2.158 Aufrufe In this video, I cover the basics of running a , dislocation , dynamics code, specifically MDDP (Multiscale , Dislocation , Dynamics ...

[1.1: Introduction to dislocations](#)

1.1: Introduction to dislocations von Kelvin Xie MSEN TAMU vor 6 Monaten 3 Minuten, 35 Sekunden 419 Aufrufe The outline of the Introduction to , Dislocation , series.

[3.2: Kinks and jogs in dislocations](#)

3.2: Kinks and jogs in dislocations von Kelvin Xie MSEN TAMU vor 1 Monat 6 Minuten, 35 Sekunden 178 Aufrufe

[Anter: El-Azab: Mesoscale crystal plasticity based on continuum dislocation dynamics](#)

Anter El-Azab: Mesoscale crystal plasticity based on continuum dislocation dynamics von Hausdorff Center for Mathematics vor 3 Jahren 1 Stunde 914 Aufrufe Anter El-Azab: , Mesoscale , crystal plasticity based on continuum , dislocation , dynamics: mathematical formalism and numerical ...

[Warren Lecture Series, April 14, 2017, Wing-Kam Liu, Northwestern University](#)

Warren Lecture Series, April 14, 2017, Wing-Kam Liu, Northwestern University von Warren Lecture Series vor 3 Jahren 58 Minuten 713 Aufrufe \"Self-consistent Clustering Analysis for Data-driven Design of Multiscale Material Systems\" Wing-Kam Liu Mechanical ...

[nanoHUB-U Atoms to Materials L5.6: Final Thoughts and Additional Resources](#)

nanoHUB-U Atoms to Materials L5.6: Final Thoughts and Additional Resources von nanohubtechtalks vor 6 Jahren 20 Minuten 586 Aufrufe Table of Contents: 00:09 Lecture 5.6: Final Thoughts and Additional Resources 00:55 Fundamental physics \u0026 approximations ...

[Mud and Debris Flow in HEC-RAS with DebrisLib](#)

Mud and Debris Flow in HEC-RAS with DebrisLib von Stanford Gibson vor 2 Monaten 18 Minuten 411 Aufrufe This is a draft presentation developed for the California Water and Environmental , Modeling , Forum. The final version will be ...

[Edge Dislocation Movement Explained](#)

Edge Dislocation Movement Explained von Jorge Casanova vor 5 Jahren 1 Minute, 12 Sekunden 83.223 Aufrufe Dislocation , Movement on a lattice. No credit on me, it all goes to CHALMERS and the Department of Materials and Manufacturing ...

[Phase Field methods: From fundamentals to applications](#)

Phase Field methods: From fundamentals to applications von TAU Vod vor 5 Jahren 1 Stunde, 2 Minuten 15.316 Aufrufe Speaker: Peter W. Voorhees (MSE, NU) \"The workshop on Semiconductors, Electronic Materials, Thin Films and Photonic ...

[Multi-scale Multi-physics Heart Simulator UT-Heart](#)

Multi-scale Multi-physics Heart Simulator UT-Heart von SCLS-Channel vor 6 Jahren 5 Minuten, 15 Sekunden 320.024 Aufrufe Strategic Programs for Innovative Research Field 1 Supercomputational Life Science http://www.scls.riken.jp/en/ The heart is a ...

[Trajectory-based Probabilistic Policy Gradient for Learning Locomotion Behaviors](#)

Trajectory-based Probabilistic Policy Gradient for Learning Locomotion Behaviors von DisneyResearchHub vor 1 Jahr 57 Sekunden 7.818 Aufrufe We propose a trajectory-based reinforcement learning method named deep latent policy gradient (DLPG) for learning locomotion ...

[Numerical algorithms in material science](#)

Numerical algorithms in material science von Microsoft Research vor 4 Jahren 38 Minuten 112 Aufrufe The talk will consist of two parts. In the first part, I will present prior work aimed at developing new algorithms for materials science ...

[Hastening Innovation in Materials for Energy](#)

Hastening Innovation in Materials for Energy von BerkeleyNUC vor 1 Jahr 51 Minuten 50 Aufrufe Our colloquium speaker for April 15th is Dr. Michael Short.

[S. Forest, \"The micromorphic approach to gradient plasticity and damage\"](#)

S. Forest, \"The micromorphic approach to gradient plasticity and damage\" von CIMNE MC vor 3 Jahren 29 Minuten 406 Aufrufe

[Crystal plasticity](#)

Crystal plasticity von bhadeshia123 vor 7 Jahren 57 Minuten 1.231 Aufrufe A seminar given by Professor Heung-Kyu Kim of Kookmin University in South Korea, on the subject of the finite element , simulation , ...