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June 2nd, 2020 - a suite of simulation codes and data files is made available on the book s website to help the reader to learn by doing through solving the exercise problems offered in the book this book is part of an oxford series on materials modelling contents 1 introduction to crystal dislocations part i atomistic models 2 fundamentals of'

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April 5th, 2020 - however this disparity can be attributed to the fact that murphy et al report the relative ordering of the dislocation energies at a distance 40 Å from the dislocation line in atomistic simulations the dislocation energy as a function of radius is  $e \propto \frac{1}{r}$  at large distances from the dislocation line' 'puter simulations of dislocations ebook 2006

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