ON THE FORMULATION OF THE DUAL BALANCE PROBLEM OF THE MATERIAL AND PHYSICS PACES

Shteinmann P., Konchakova N. A.

It is consider the equations of the continuum state for the dual balance case, which is realized in the Material Forces Theory. The possibility of the Material Force Method propagation to the Brittle Fracture Model of the elastic-plastic continuum in the frame of the Synthetic theory of strength is discussed in the article. The quasi-static balance relations for the continuum are examined.