

ON INFLUENCE OF THE FORMS OF A LOCAL DISTORTION IN THE LAMINARY STRIPE STRUCTURE ON STRESS DISTRIBUTION

Abstract

In the context of continual theory with attraction of equations of the elasticity theory, deflected mode of the stripe, made of the laminary composite materials with a local distortion in the structure is investigated. The method of small parameter is used for solving problem. The methods of finding the quantity of each approximation in analytical form are stated.