



Boundary contour method for plane problems in a dual formulation with linear elements

<http://www.firstlight.cn> 2000-05-02

The present paper is devoted to the boundary contour method for plane problems in the dual system of elasticity. It has been shown that the integrals on the right side of the corresponding boundary integral equations are divergence free in the dual system provided that the unknown functions satisfy the field equations. Consequently these integrals can be given in closed form if appropriate shape functions have been chosen to approximate the unknown functions on the contour. Numerical examples prove the efficiency of this technique.

[存档文本](#)