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SIT039-P02

会場:コンベンションホール

時間:5月24日 14:00-16:30

三次元有限要素法による多孔質体複合弾性解析 Composite elasticity of porous object investigated by a three-dimensional buffer-layer FEM modek

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A porous system has distinct macroscopic properties that are very different from those of a non-porous matrix. There has been much interest in clarifying such characteristics. In the present study, a three-dimensional buffer-layer finite element method (FEM) model was developed succeeding the two-dimensional buffer-layer FEM model. The comparison between the two and three dimensional models is discussed.

キーワード: 有限要素法, 空孔, 複合弾性

Keywords: FEM, porosity, composite elasticity