عنوان فارسی مقاله:

تنوری الاستیسیته ریزقطبی: پیماش معادلات همسانگرد خطی، فمادگذاری های معرف و تحقیقات آزمایشگاهی

عنوان انگلیسی مقاله:

Micropolar elasticity theory: a survey of linear isotropic equations, representative notations, and experimental investigations

توجه!

این فایل تنها قسمتی از ترجمه میباشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک نمایید.
5. Summary
A thorough survey of the notational systems used in micropolar elasticity has been presented. This survey should make the existing literature more accessible to new researchers. The notation introduced here for the representation of the micropolar elasticity model allows for the description of the extra micropolar elasticity features and concepts in a form parallel to the well-known classical elasticity features and concepts. There are micropolar technical constants defined as duals of the technical moduli defined in the classical elasticity model. Despite its simple nature and common usage, notation can be very important to the understanding of the micropolar elasticity model. The notations used by different authors to represent the linear theory of micropolar elasticity can be categorized into two groups: those where classical and micropolar elastic moduli are denoted by coupled symbols and those where classical and micropolar elastic moduli are represented with separate symbols.