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ランダム原子配列合金の材料科学と工学

Material Science and Engineering of Alloys with Random Atomic Configuration

*Language: English

Summary: Metallic materials with random atomic configuration, such as metallic glasses and amorphous alloys, are attracting attention from both academic and industrial perspectives because they exhibit unique structures, transformations, deformation behaviors and excellent properties that are significantly different from the conventional crystalline metallic materials. In particular, bulk metallic glasses, which have a significantly improved degree of freedom in shape, are being developed for next-generation industrial applications. In this seminar, I will focus on metallic glasses and discuss their materials science and engineering.

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