

Abstract:

Our survey concerns the general topics of glasses and jamming, which are rather similar at the molecular level. We discuss the history, definition and classification of glass, the controversy of glass as a liquid or a solid, and the properties of amorphous solids. The basic method of creating glasses is mentioned, with the major trends in modern glass experimentation. The discussion of jamming includes a basic overview of the study of jamming, including an overview of colloids, parameters that affect the behavior of jammed systems, and a few practical examples of jamming. Overall, we wish to provide a very basic understanding of the mechanics of glasses and other jammed systems.

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