1. Record Nr. UNINA9910337599603321 Autore Mehta Kush Titolo Fabrication and Processing of Shape Memory Alloys / / by Kush Mehta, Kapil Gupta Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2019 **ISBN** 3-319-99307-0 Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (90 pages) Collana Manufacturing and Surface Engineering, , 2365-8223 Disciplina 620.165 Soggetti Metals Manufactures Mechanics Mechanics, Applied Metallic Materials Manufacturing, Machines, Tools, Processes Solid Mechanics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Introduction -- Machining of Shape Memory Alloys -- Welding and Joining of Shape Memory Alloys -- Processing of Shape Memory Alloys. This book showcases different processes of fabrication and processing Sommario/riassunto applied to shape memory alloys. It provides details and collective information on working principles, process mechanisms, salient features, novel aspects, process capabilities, properties of material and unique applications of shape memory alloys. The recent progress on fabrication and processing are specially addressed in this book. It

covers major topics of manufacturing such as machining, joining,

welding and processing of shape memory alloys. .