

Article

Elastocaloric and Magnetocaloric Effects Linked to the Martensitic Transformation in Bulk $\text{Ni}_{55}\text{Fe}_{11}\text{Mn}_7\text{Ga}_{27}$ Alloys Produced by Arc Melting and Spark Plasma Sintering

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Citation: Navarro-García, J.D.; Camarillo-García, J.P.; Alvarado-Hernández, F.; Sánchez Llamazares, J.L.; Flores-Zúñiga, H. Elastocaloric and Magnetocaloric Effects Linked to The Martensitic Transformation in Bulk $\text{Ni}_{55}\text{Fe}_{11}\text{Mn}_7\text{Ga}_{27}$ Alloys Produced by Arc Melting and Spark Plasma Sintering. *Metals* **2022**, *12*, 273. <https://doi.org/10.3390/met12020273>

Academic Editor: Alexander V. Shelyakov

Received: 24 December 2021

Accepted: 27 January 2022

Published: 2 February 2022

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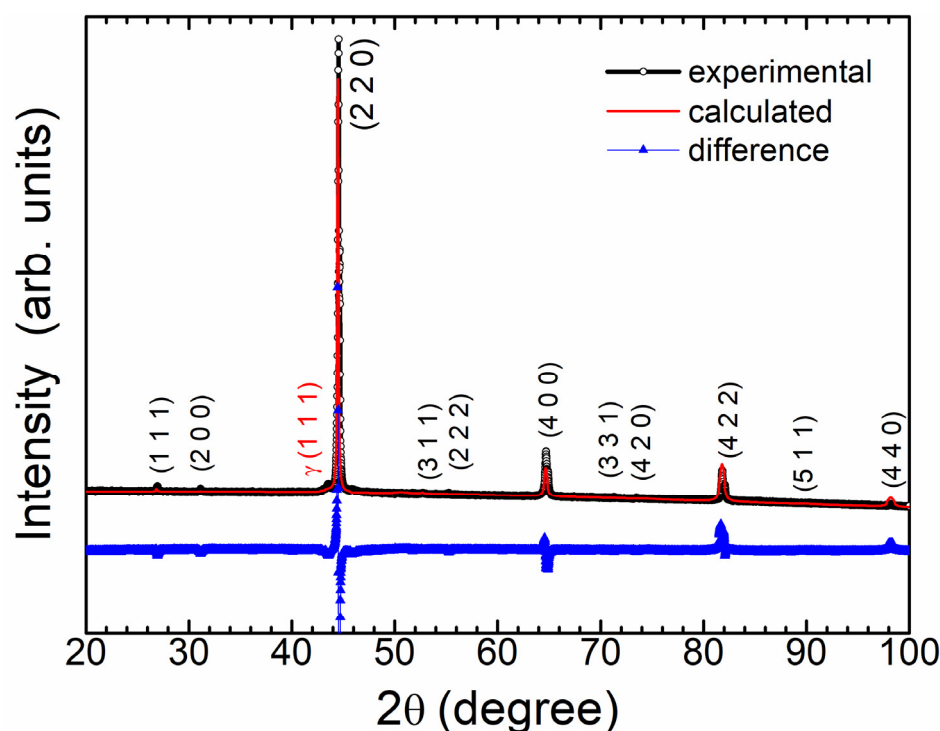


Figure S1. Rietveld refinement of the X-ray powder diffraction pattern of a finely pulverized sample piece taken from the bulk arc melted sample. The black open circles and red solid line represent the experimental points and Rietveld refined data, respectively, whereas the difference between experimental and simulated patterns is given by the blue line depicted at the bottom of the figure. The R-factor values obtained for the refinement were: $R_p = 11.25\%$, $R_{wp} = 28.12\%$ and $R_{exp} = 2.38\%$.