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Title: “*Corrosion behavior of Cu-Zn-Al shape memory alloy in controlled environments.*”

Abstract:

Shape Memory Alloys (SMAs) are promising smart materials with specific mechanical properties. SMAs have the ability to recover their initial shape after deformation through a thermo-elastic transformation. In the present work, Cu-Zn-Al alloys will be investigated and treated under different corrosion atmospheres. The variation of mechanical properties will be investigated as function of corrosion processes.

