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210 Y.Q. Fu et al. 1 Introduction Shape Memory Alloy (SMA) is a metal that can remember its geometry, that is, after a sample of SMA has been deformed from its  
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### **Thin film shape memory alloys - fundamentals and**

Thin Film Shape Memory Alloys - Fundamentals and Device Applications (Hardcover) Shuichi Miyazaki et. al.

### **New au cu al thin film shape memory alloys with**

purpose of this paper is to explore the Au Cu Al ternary system in a large compositional region for potential new thin film shape memory alloys

### **The tini shape- memory alloy and its applications**

One of the most widely used shape-memory alloys is to a number of applications, and as a thin film, shape-memory alloy and its applications for

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The 2nd International Thin Films Workshop Book of Thin Film Shape Memory Alloys: Fundamentals and biomedical Device Applications ,

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Jan 09, 2008 Ni-Ti Shape Memory Alloys (SMA) alloys have been attracting attention due to a number of desirable properties (shape memory effect,) The basis of the

### **Patent us4864824 - thin film shape memory alloy**

a first thin film device deposited onto the substrate, the device being made of a shape memory material having the property of restoration to an original shape when

### **Thermo/moisture responsive shape- memory polymer**

A piece of thin film Thin film shape memory alloys fundamentals and device Phee SJ, Water-responsive programmable shape memory polymer devices. In

### **Characterization of shape recovery via creeping**

Characterization of shape recovery via creeping Fu YQ, Huang WM (2009) Thin film shape memory alloys: fundamentals and PR China patent application No

### **Electrodeposition of thin film cu-zn shape memory**

J. PHYS. IV FRANCE 7 (1997) Colloque C5, Suppl ment au Journal de Physique III de novembre 1997 C5-269  
Electrodeposition of Thin Film Cu-Zn Shape Memory Alloys

### **Development of nano-structured thin film shape**

Title: Development of Nano-Structured Thin Film Shape Memory Alloys for MEMS Applications: Authors: Baldwin, Elizabeth Anne: Advisors: Dr. Jerome Cuomo, Committee Member

### **Spie | proceeding | applications of shape memory**

incorporating shape memory microactuators in MEMS devices and describes Gupta "Applications of shape memory alloys: using thin-film shape-memory alloy.

### **18 - shape memory thin film composite**

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Properties and applications of Ti. Ni. Cu shape-memory-alloy thin Y.Q. Fu, W.M. Huan (Eds.), Thin Film Shape Memory Alloys, Cambridge University Press, Cambridge

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### **A free energy model for thin-film shape memory**

Accession Number : ADA443870. Title : A Free Energy Model for Thin-film Shape Memory Alloys. Corporate Author : NORTH CAROLINA STATE UNIV AT RALEIGH CENTER FOR

### **Advances in thin film tini shape memory alloys -**

Recent advances in new thin film deposition and characterization techniques will be discussed, focusing on the new tools for functionally graded, or nanosculptured

### **Thin film shape memory alloys for optical sensing**

Thin film shape memory alloys for optical sensing applications Based on shape memory effect of the sputtered thin film shape memory alloys, The device

### **Shape memory materials for medical devices**

Book Review on Thin Film Shape Memory Alloys-Fundamentals and Device Applications The Open Medical Devices Journal, 2010, 2: 49-50

### **On the use of shape memory alloy thin films to**

We show experimentally that the SMA thin film dynamic coated with shape memory alloy (SMA) thin the dynamic response of micro-cantilevers

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For Micro-electro-mechanical System (MEMS) applications, TiNi-based thin film Shape Memory Alloys (SMAs) possess many desirable properties, such as high power density

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Aug 01, 2015 Shape Memory Alloys are now used in a wide Thin Film Characterization and then be triggered into returning to its original shape by the application

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based shape memory alloys as thin film actuators because of the incorporating shape memory microactuators in MEMS devices and describes

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