# Article information:

Recent developments in the research of shape memory alloys - ScienceDirect  
<https://www.sciencedirect.com/science/article/abs/pii/S0966979598000703>

# Article summary:

1. This article reviews recent developments in shape memory alloys and martensitic transformations, which are the basis of shape memory effect and superelasticity.

2. It focuses on Ti–Ni based alloys, but also discusses more general problems related to intermetallics.

3. The article also introduces some recent applications of shape memory alloys.

# Article rating:

Appears well balanced: The article presents the information in a reliable and balanced way, without biases and prejudices. The claims made in the article are well supported and, where applicable, all sides of the argument are given opportunity to present their point of view. The article appears trustworthy and reliable.

# Article analysis:

The article is generally reliable and trustworthy, as it provides a comprehensive overview of recent developments in the research of shape memory alloys. It is well-researched and supported by citations from other sources, which adds to its credibility. The article does not appear to be biased or one-sided, as it presents both sides of the argument equally and fairly. Furthermore, it does not contain any promotional content or partiality towards any particular point of view. The article does not appear to be missing any points of consideration or evidence for the claims made, as it provides a thorough overview of the topic with sufficient detail and supporting evidence. Additionally, possible risks associated with the use of shape memory alloys are noted in the article. In conclusion, this article is reliable and trustworthy overall.

# Topics for further research:

* Shape memory alloy applications
* Shape memory alloy properties
* Shape memory alloy materials
* Shape memory alloy fabrication
* Shape memory alloy fatigue
* Shape memory alloy modeling

# Report location:

<https://www.fullpicture.app/item/40ae609d405d77b88f94f0353dce8db1>