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Deconvolution of Overlapping Peaks from Differential Scanning Calorimetry Analysis for Multi-phase NiTi Alloys

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Highlights

- Adaptive function developed to curve fit NiTi phase transformation peaks
- Compared novel technique with standard analysis techniques
- Successfully deconvoluted overlapping phase transformation peaks and identified **all** characteristic temperatures
- The new methodology improves upon current techniques to better understand NiTi alloys with complex phase transformations

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