

# Accepted Manuscript

Adjustment of Machining-induced Residual Stress Based on  
Parameter Inversion

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PII: S0020-7403(17)31358-9  
DOI: [10.1016/j.ijmecsci.2017.11.014](https://doi.org/10.1016/j.ijmecsci.2017.11.014)  
Reference: MS 4030



To appear in: *International Journal of Mechanical Sciences*

Received date: 22 May 2017  
Revised date: 1 November 2017  
Accepted date: 8 November 2017

Please cite this article as: Kun Huang , Wenyu Yang , Xiaoming Ye , Adjustment of Machining-induced Residual Stress Based on Parameter Inversion, *International Journal of Mechanical Sciences* (2017), doi: [10.1016/j.ijmecsci.2017.11.014](https://doi.org/10.1016/j.ijmecsci.2017.11.014)

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**Highlights**

- Machining parameters can be computed using known residual stress.
- Cutting speed and feed rate were computed using known depth of highest compressive residual stress.
- Computed residual stress based on inversed parameters is consistent with desired value.

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