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Influence of hydrogen on the elastic properties of nickel single crystal: A numerical and experimental investigation

G. Hachet, A. Metsue, A. Oudriss, X. Feaugas

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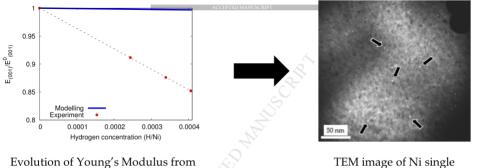
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experiment and calculations with H concentration

- ➤ Diminution of E
- Large discrepancies between both approaches

- crystal after H incorporation
- Formation of vacancy clusters (white dots)
 - Vacancy clusters impact more the elastic properties of Ni than the solute

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