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- 2 Supplementary Figure 3. Flowchart for the numerical inversion procedure to obtain the α_{MoS_2} that
- 3 satisfies the experimental results.

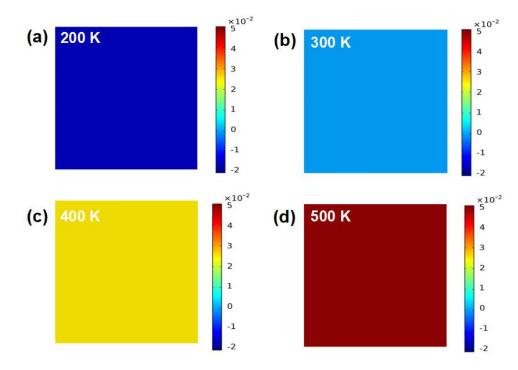


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Supplementary Figure 4. Adopting the TEC of monolayer MoS₂ obtained in this work, numerical
simulation results of the strain distribution in bare MoS₂ at 200 K, 300K, 400 K and 500K, respectively.

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