

Supplementary Information

Optimization of Substrate Sizes for In Situ Stress Measurement in Electrodeposits Relying on Nonlinear Effects

Jun Qiang^{1,2}, *Tao Peng*^{3,*}

¹School of Mechanical Engineering, Ningxia University, Yinchuan 750021, China

²State Key Laboratory of Precision Manufacturing for Extreme Service Performance, College of Mechanical and Electrical Engineering, Central South University, Changsha 410083, China

³Zhuhai UM Science and Technology Research Institute, Zhuhai 519085, China

*Corresponding author.

E-mail addresses: zumri.taopeng@um.edu.mo

Table.S1 The major ingredients of electrolyte and the working condition

Ingredient of electrolyte / ($\text{g} \cdot \text{L}^{-1}$)				Working condition	
Nickel sulphamidate	Nickel chloride	Boric acid	Ethylhexyl sulfate	Temperature / $^{\circ}\text{C}$	pH
400	10	30	10	25	3.5-4.5

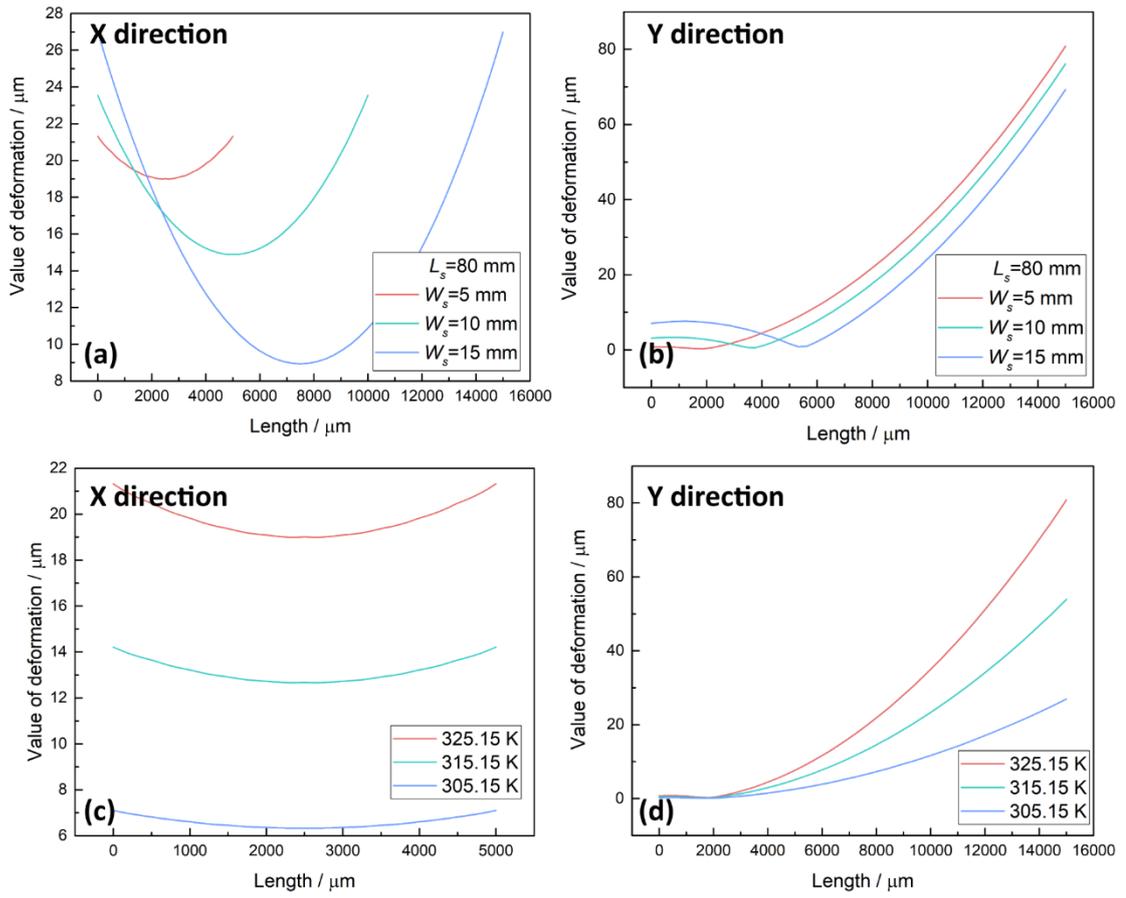


Figure S1. The deformations of the substrate-deposit system in x and y directions.