Reviewer 2:

1. the 0.4 to 0.6 pH value of the electrochemical bath is too low. Please check the pH value or add a reference.

For the electrodepostion of Fe-based alloy at low temperature (30-50℃), the electrolyte pH is very important and must be adjusted carefully. In the previous study from our research group, binary Fe-based alloy coating was successfully fabricated under the bath pH of 0.8 to 1[11,12]. For the electrodeposition of ternary FeCoNi alloy from simple chloride bath, the electrolyte pH must maintain at very low value (0.5 to 1.5) based on Electroplating Manual (China Machine press, April 2010. in Chinese). We conducted extensive experiments, and found that the deposited coating of high quality was obtained at the pH value of 0.4 to 0.6.

[11] XINTAN H. Crankshaft restoration by iron plating. Metal finishing, 1997, 6(95): 98-100.

[12] R.X.Huang, Z.Ma, W.Z.Dong, Y. Shen, F.M.Du, J. Xu, M. Jin. On the Adhesive Strength Quantification and Tribological Performance of the Multilayered Fe–Ni Coating Fabricated by Electroplating. Strength of Materials, 2019, 51(2): 280-290.

2. page 11, line 303: replace “monocrystalline” with “nanocrystallites”;

The misspelling was corrected.

3. the English language should be carefully corrected.

We carefully double-checked the spelling, grammar, sentence structure and terminology in the paper.

Our paper has been performed a detailed proofreading by a professional English editing company - AJE (American Journal Experts), and the certification is provided as follows:

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Numerical and Experimental investigation on the effect of current density on the anomalous codeposition of Ternary Fe-Co-Ni alloy coatings

prepared by the authors

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was edited for proper English language, grammar, punctuation, spelling, and overall style by one or more of the highly qualified native English speaking editors at AJE.

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