Editor's Comment:

Considering the reviewers comments and authors corrections, we can publish this manuscript. The reasons are as follows:

1- One reviewer gives comment such as "This chapter provides insights into the phonon vibrational modes in doped $PrBa_2Cu_3O_7$ (PBCO) thin films, which is crucial for understanding the material properties and potential applications in electronics and superconductivity. By examining the effects of different metal dopants, the research contributes to the broader understanding of how these substitutions affect the structural and vibrational properties of PBCO. The comprehensive Raman scattering analysis presented in the paper helps elucidate the changes in vibrational modes due to metal doping. This is important for researchers focusing on material characterization and those interested in the effects of doping on high-temperature superconductors"

2- One reviewer gives comment such as "This manuscript presents significant insights into the substitution of Cu ions in $PrBa_2Cu_3O_7$ (PBCO) thin films with various metal ions and their impact on phonon vibrational modes. The work is important for the scientific community as it deepens our understanding of how different dopants affect the lattice structure and symmetry of PBCO, which is valuable for advancements in applied superconductivity and materials science. I appreciate the manuscript for its detailed experimental approach and the thorough analysis provided, which offers clear evidence supporting the conclusions drawn. The study's findings are well-supported by Raman spectroscopy data, making it a valuable contribution to the field"

3- One reviewer gives comment such as "Accept after major revision"

4- One reviewer gives comment such as "Accept after minor revision"

According to the comments, the authors have corrected the manuscript carefully. Therefore, the manuscript has enough value for publication in the BP International.

Editor's Details:

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