

Pairwise interaction model of an FCC packed material and the verification of theoretically proved properties by simulation

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Abstract

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I. INTRODUCTION

The introduction starts here

II. METHODS

I. Problem Formulation

In this paper, we consider

III. RESULTS AND DISCUSSION

I. Results

IV. CONCLUSIONS

This study shows that

V. APPENDIX A - PYTHON CODE

I. Main program

```
%%python CODE HIER
for i in range(0,10):
    do cool stuff
```

VI. APPENDIX B

REFERENCES

- [1] Baron, S. (1996). Medical Microbiology, 4th edition *University of Texas Medical Branch*, Ch.17
- [2] Carreau, A., El Hafny-Rahbi, B., Matejuk, A., Grillon, C., Kieda, C. (2011). Why is the partial oxygen pressure of human tissues a crucial parameter? Small molecules and hypoxia. *J Cell Mol Med*, 15:1239-53