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*ABSTRACT*

English **Abstract** must be Times New Roman 8

State the most important part of your findings and achievements

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If your paper has nomenclature write it in a table like below:

|  |  |  |
| --- | --- | --- |
| **NOMENCLATURE** |  |  |
|  |  |  | Particle Specific density |
|  | Cunningham correction factor | *U* | Horizontal components of velocity (m/s) |
|  | Discrete lattice velocity in direction (k) | V | Vertical components of velocity (m/s) |
|  | Speed of sound in Lattice scale | Ui, Uj | Random numbers between 0 and 1 |
|  | Particle diameter (µm) | **Greek Symbols** |  |
|  | Equilibrium distribution function |  | Density (kg/m3) |
|  | Gravity( m/s2) |  | Lattice relaxation time |
|  |  |  | Particle relaxation time (s) |
|  |  |  | Lattice time step |
|  |  |  | Kinematic viscosity (m2/s) |
|  |  |  | Gas mean free path (µm) |
|  |  | **Subscripts** |  |
|  |  |  | Particle |
|  |  |  | Gas |

**1. INTRODUCTION[[1]](#footnote-1)**

The body of your paper must be Times New Roman 10 in two columns and line space for the whole paper is 1 cm.

Also, normal paper size for PSIJK is 6 journal pages. If any paper exceeded more than 6 journal pages and do not follow PSIJK’s regulations and formats, we may take off from production; unless all conditions such as extra page charges are settled. The other opportunity is author reduce the size of the manuscript before final submission. Reduction after processed is not possible.

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|  |  |
| --- | --- |
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In the text body write Table 1 or Figure 1 and in figure caption write **Figure 1.** and **TABLE 1.**

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**TABLE 1.** Strouhal number for different geometric cases

|  |  |  |
| --- | --- | --- |
| **HD** | **VD=0** | **VD=1** |
| 3 | 0.198 | 0.083 |
| 5 | 0.184 | 0.1 |

|  |
| --- |
| frozen_Topex11 |
| **Figure 1.** Deposition efficiency on a single square in channel |
| **0****20****40****60****80****100****0.1****1****10****Dp (Mm)****DF (%)** LRR ModelGrgric et al. S1b Exp. (2004)Grgric et al. S1a Exp. (2004)k-w Model |
| **Figure 2.** Comparison of the present numerical results with the experimental data for deposition fraction of micro particles in flow rate of 60 lit/min. |

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**2. REFERENCES**

1. Authors last name, authors first name abbreviations, “title of paper” , ***Full Journal Name,*** Vol. 00, (year), page no. 00-00. DOI:

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4. Karbakhsh, A., Othman, I., Ibrahim, Z., Malek, K. and Hashamdar, H., "Variations of Horizontal Stiffness of Laminated Rubber Bearings with Different Boundary Conditions", in 5th Civil Engineering Conference in the Asian Region and Australasian Structural Engineering Conference 2010, The, Engineers Australia., 1400, (2010). <https://doi.org/10.58677/SRE11.811>

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| الملخص |
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1. \*Corresponding Author Institutional Email: *cauth.@uokerbala.edu.iq* (The name of corresponding author) [↑](#footnote-ref-1)