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**ACKNOWLEDGEMENT**

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**ABSTRACT**

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**ABSTRAK**

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**LIST OF SYMBOLS/ABREVIATIONS**

|  |  |  |
| --- | --- | --- |
| *D, d* | - | diameter |
|  |  |  |
| *F* | - | Force |
|  |  |  |
| *g* | - | Gravity = 9.81 m/s |
|  |  |  |
| *I* | - | Moment of inersia |
|  |  |  |
| *l* | - | Length |
|  |  |  |
| *m* | - | Mass |
|  |  |  |
| *N* | - | Rotational velocity |
|  |  |  |
| *P* | - | Pressure |
|  |  |  |
| *Q* | - | Volumetric flow-rate |
|  |  |  |
| *r* | - | Radius |
|  |  |  |
| *T* | - | Torque |

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**CHAPTER 1**

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**Sample of Table in the text**

**Table 4.6** Comparisons of experimental and computer simulation results

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| --- | --- | --- |
| **Distance Ratio** | **Experimental Result** | **Computer Simulation** |
| 0.125 | 0.25 | 0.19 |
| 0.250 | 0.46 | 0.50 |
| 0.375 | 0.63 | 0.68 |

**Sample of Figure in the text**



**Figure 4.6** Raman spectroscopy showing D and G line for Sample A and B