Computer Assignment 1

ME 543 Computational Fluid Dynamics

Submitted By

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**Table: Discretised Algebraic Equation for Different Solution Method**

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| --- | --- |
| Point Gauss Siedel |  |
| Line Gauss Siedel |  |
| Point Successive Over Relaxation Method |  |
| Alternating Directional Implicit Scheme | X sweep:  Y sweep: |

**Problem Definition**

Y

TC=0

H=1

TH=1

TH=1

L=1

X

TH=1

**Discretised Domain**

