

Übungsblatt 10 - Hochleistungsrechnen

Leistungsanalyse

Tim Kilian, Joscha Fregin, Stefan Knispel

1 Messung

1.1 Weak Scaling

Konfiguration	Time (seconds)	Time (seconds)	Time (seconds)
GS(1,1,400)	287.639384	285.499819	287.268144
GS(1,2,564)	288.303713	286.925619	289.403660
GS(2,4,800)	295.141523	293.813807	293.843775
GS(4,16,1600)	896.869522	970.349289	889.366906
GS(4,24,1960)	983.941443	907.608036	907.073098
JA(1,1,400)	318.629925	318.560200	318.610258
JA(1,2,564)	323.863450	319.664977	318.311745
JA(2,4,800)	323.370504	322.847207	322.905159
JA(4,16,1600)	475.215567	476.096783	477.317518
JA(4,24,1960)	492.095580	487.155568	491.274587

1.2 Communication

1.3 Strong Scaling