calculate label for given matrix (matrix)

Initialize fastest time and tuple with fastest preconditioner, algorithm combination

Use algoritm and preconditioner combination on matrix

save the time

[more times needed]

[enough times]

calculate average time of algorithm and preconditioner combination

[fastest time <= average time]

[fastest time > average time]

set fastest time to average time

set tuple to preconditioner, algorithm combination just used

[all combinations used]

[another combination to test]

load next combination

create label based on fastest combination of preconditioner and algorithm

return label