Fixed point quantum search 1.00 -Lower bound (M/N)  $1 - \delta^2 = 0.9$ - 0.03125 0.0625 0.75 -Probability of success 0.125 0.25 0.5 Oracle evaluations 10 8 0.25 0.00 -1.00 0.00 0.25 0.50 0.75 Proportion of solutions (M/N)