







Why So Exciting?		
Method	Capacity	
SISO Diversity (1xN or Nx1) Diversity (NxN) Multiplexing	$B \log_2(1 + \rho)$ $B \log_2(1 + \rho N)$ $B \log_2(1 + \rho N^2)$ $NB \log_2(1 + \rho)$	
Peter A. Steenkiste		5



![](_page_3_Figure_0.jpeg)

![](_page_3_Figure_1.jpeg)

![](_page_4_Figure_0.jpeg)

![](_page_4_Figure_1.jpeg)

![](_page_5_Figure_0.jpeg)

![](_page_5_Figure_1.jpeg)

![](_page_6_Figure_0.jpeg)

![](_page_6_Figure_1.jpeg)

![](_page_7_Figure_0.jpeg)

![](_page_7_Figure_1.jpeg)

![](_page_8_Figure_0.jpeg)

![](_page_8_Figure_1.jpeg)

![](_page_9_Figure_0.jpeg)

![](_page_9_Figure_1.jpeg)