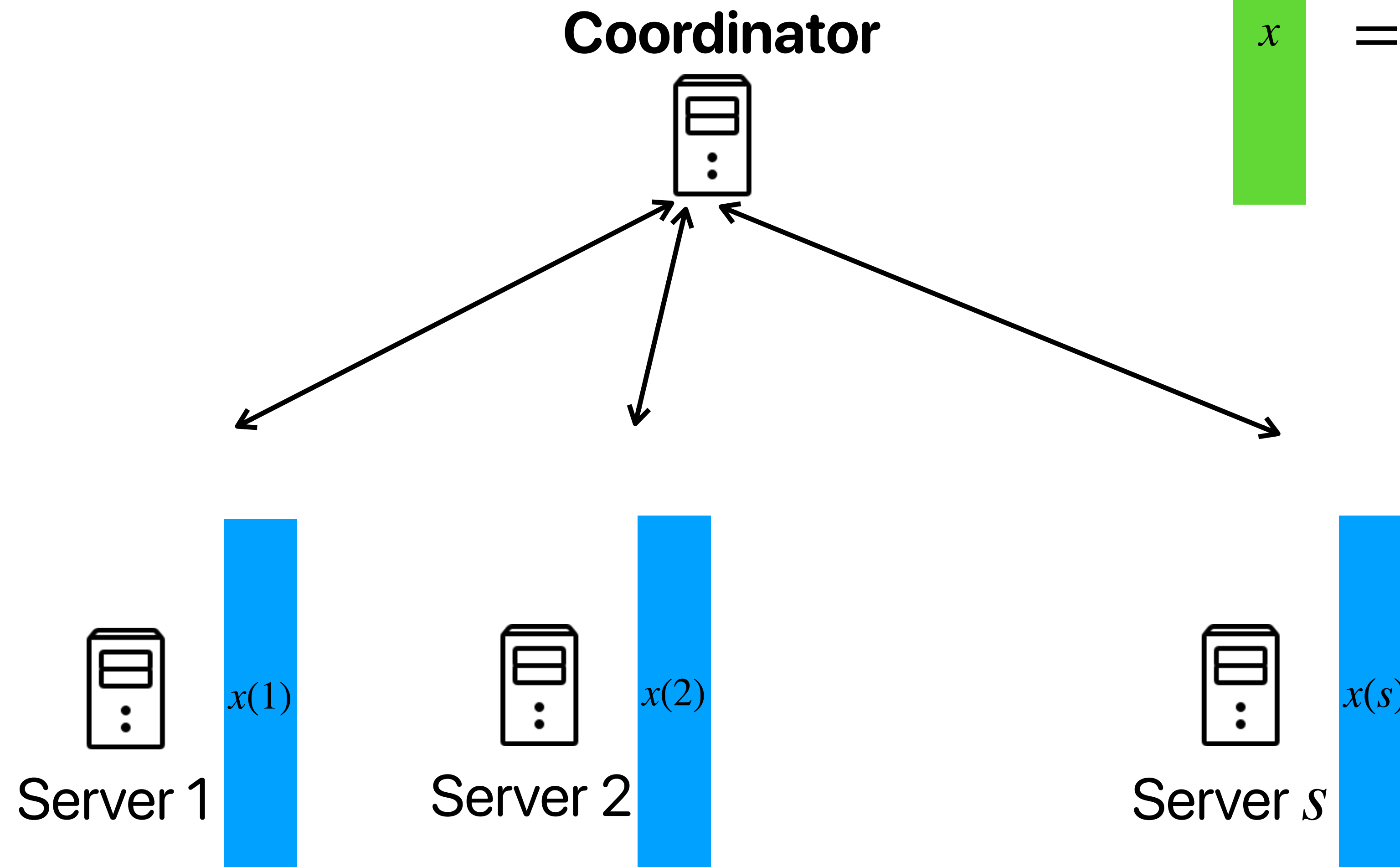


Optimal Communication Bounds for Classic Functions in the Coordinator Model and Beyond

with Hossein Esfandiari, Vahab Mirrokni, David Woodruff and Peilin Zhong [STOC'24]

Moment Estimation



$$x = x(1) + x(2) + \dots + x(s)$$

Estimate $\sum_i x_i^p$

More generally, $\sum_i f(x_i) \geq 0$