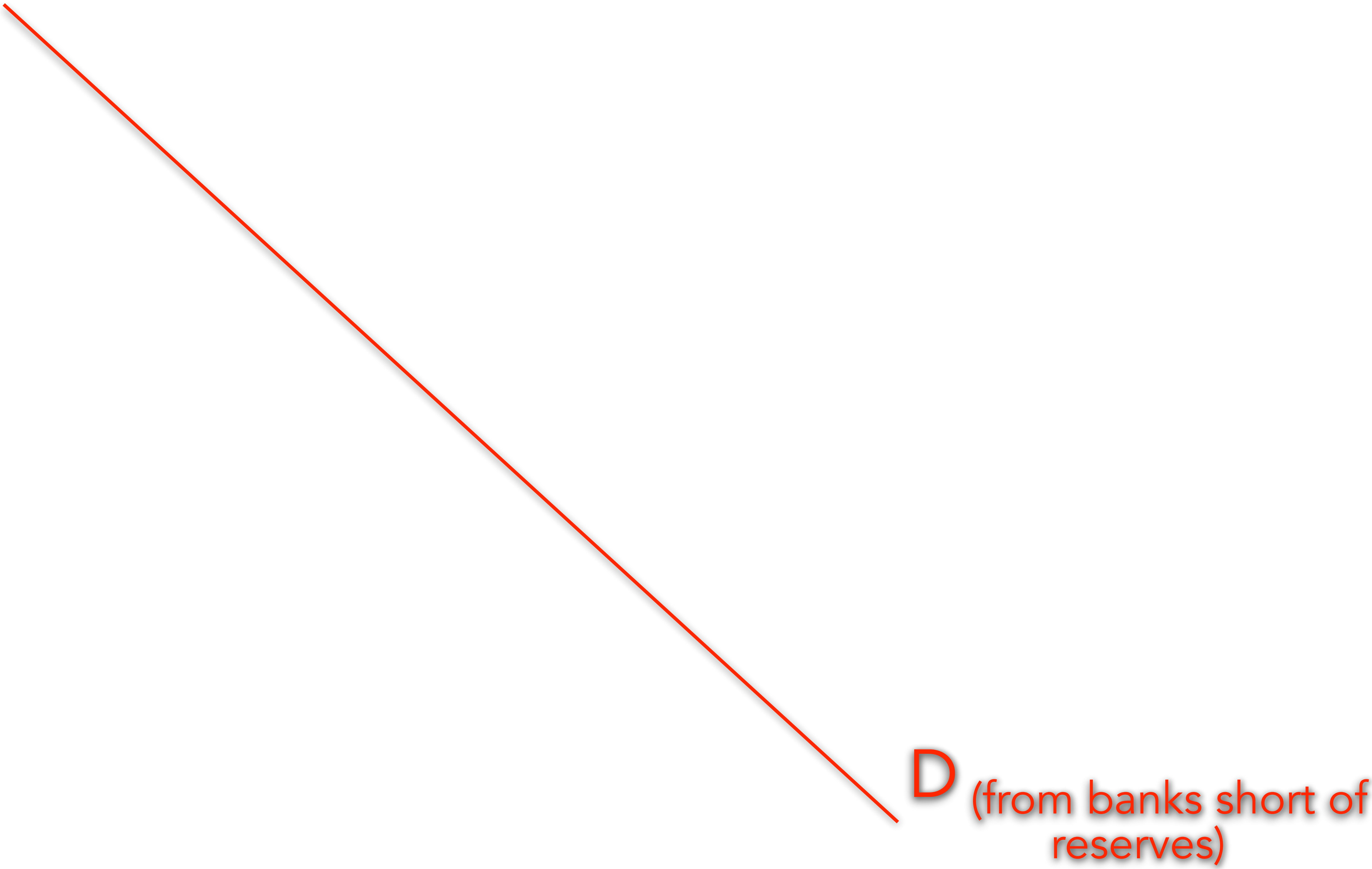
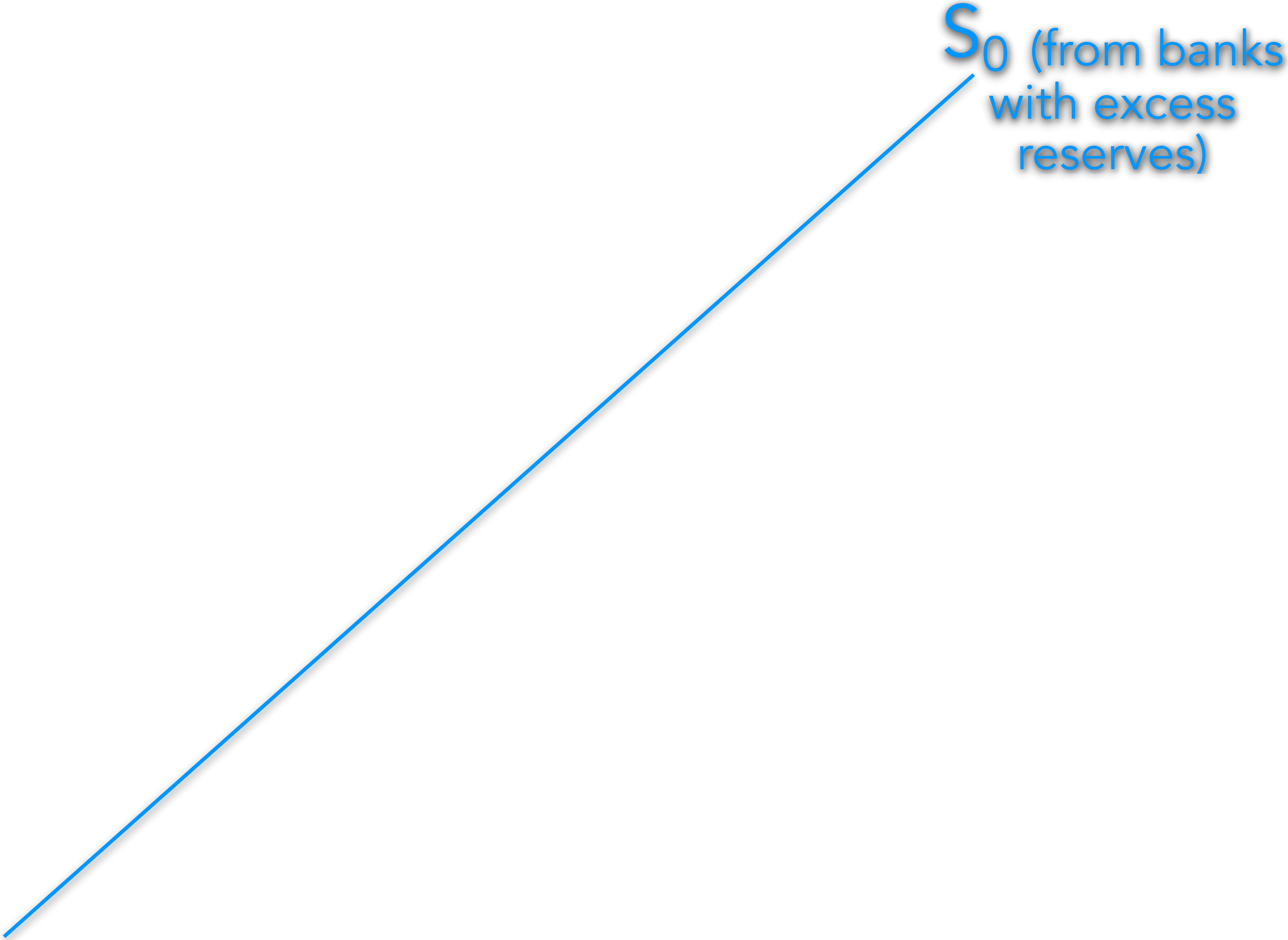

D (from banks short of reserves)

Federal Funds



S_0 (from banks with excess reserves)

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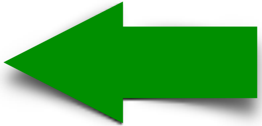
The effect of a sale of bonds by the Fed on the Federal Funds Market

Fed sells Bonds:

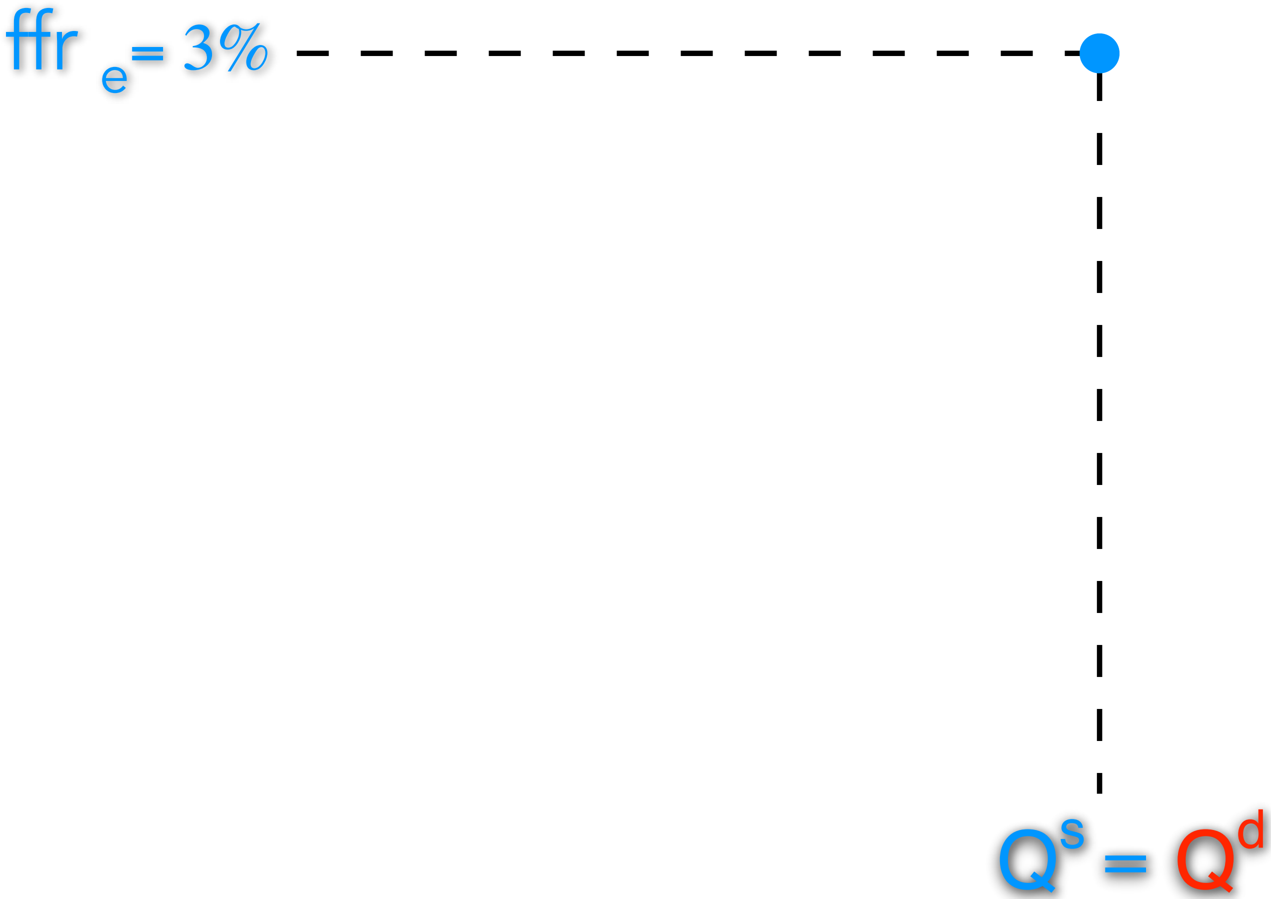
A sale of bonds by the Fed eliminates reserves from the banking system

There will be fewer banks
with Excess Reserves

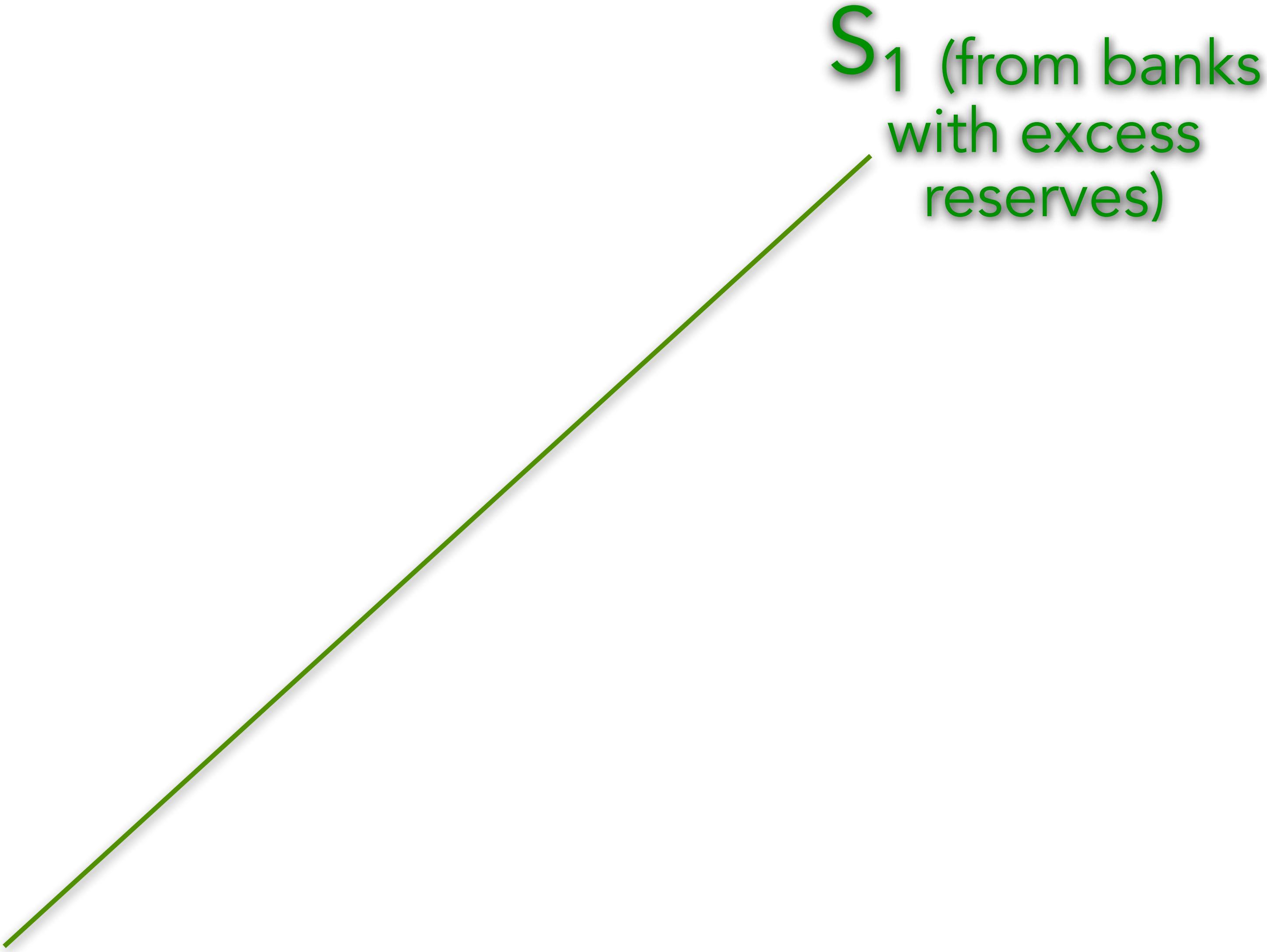
The **Supply** of funds in this market decrease



A leftward shift in the Supply of funds


$ffr_e = 3\%$
$Q^s = Q^d$

Assume the market starts at equilibrium


S_1 (from banks with excess reserves)


$ffr_1 = 5\%$
$Q^s = Q^d$

The Fed Funds
Rate rise

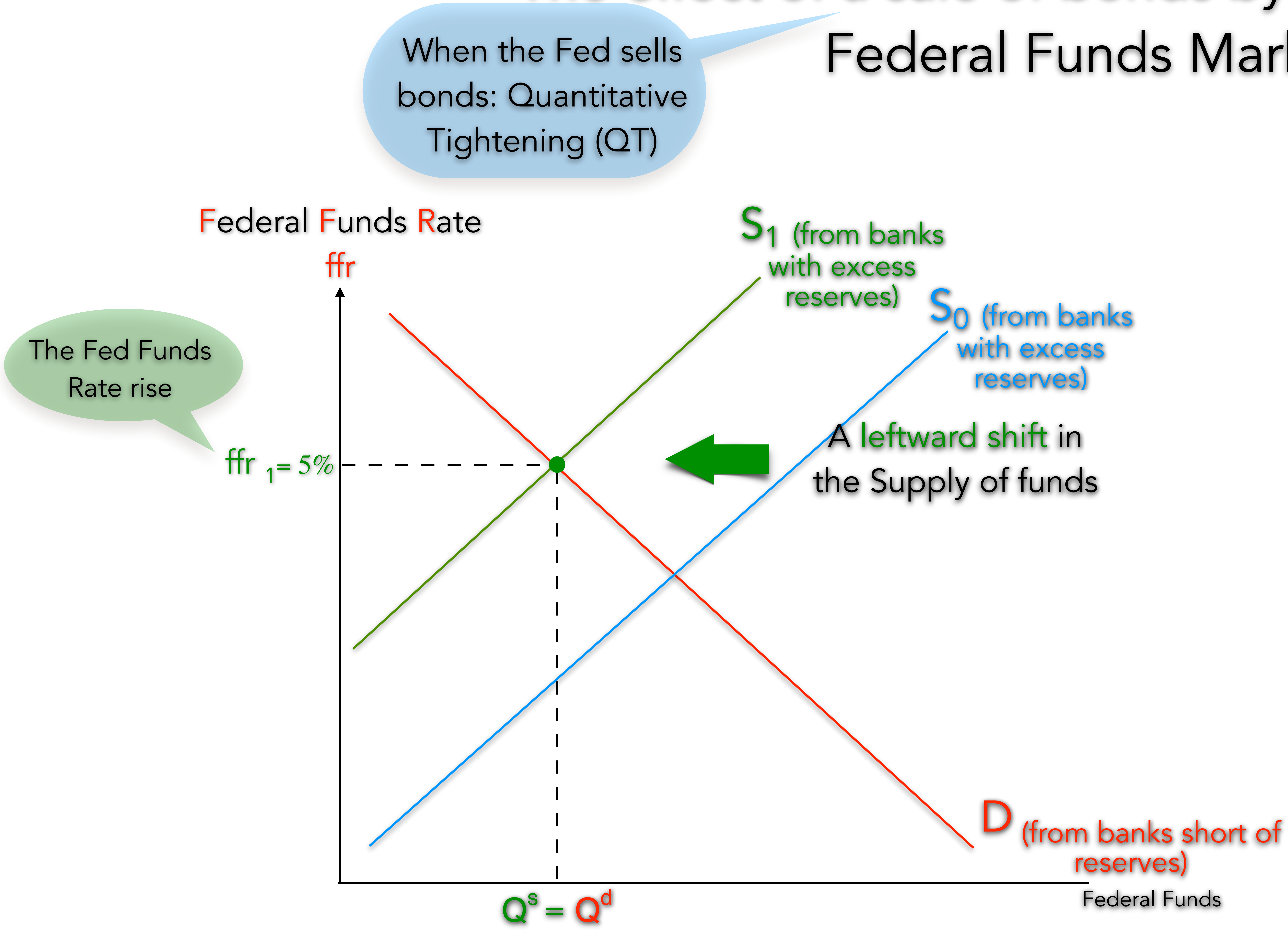
Reserves

When the Fed sells bonds: Quantitative Tightening (QT)

Federal Funds Rate

ffr

The effect of a sale of bonds by the Fed on the Federal Funds Market



Fed sells Bonds: Reserves ↓

A sale of bonds by the Fed eliminates reserves from the banking system

There will be fewer banks with Excess Reserves

The **Supply** of funds in this market decrease