## An Issue

- You are considering investing in Mexico, buying a firm now worth $10,000,000$ Pesos.
- You have been assured that, a year from now, it will be worth $11,000,000$ Pesos. Guaranteed.
- What will be the exchange rate?


## An Issue



## An Issue

| Investment in US | $\$ 100,000,000$ |
| :--- | :--- |
| With Interest | $\$ 105,000,000$ |
| lnvestment in Euros | $€ 100,000,000$ |
| With Interest | $€ 104,000,000$ |
| Converted | $\$ 106,080,000$ |
| (at $€=\$ 1.02$ ) |  |
|  | Today: $1 €=\$ 1$ |
| $r_{N}^{U S}=5 \%$ | Tomorrow: $1 €=\$ 1.02$ |
| $r_{N}^{\text {Euro }}=4 \%$ |  |

An Issue


KENTSTATE

## An Issue

$$
\begin{aligned}
& \| \text { Investment in US } \\
& r_{N}^{U S}-r_{N}^{\text {Euro }}=E(\Delta \text { Euro })
\end{aligned}
$$

## Compare and Contrast

$r_{v}^{u s}-r_{v}^{\mathrm{LEm}}=E(\Delta$ Euro $)$
$\eta_{x}^{t s}-\eta_{v}^{\text {Lise }} \neq E$ ( $\Delta$ Euro)

