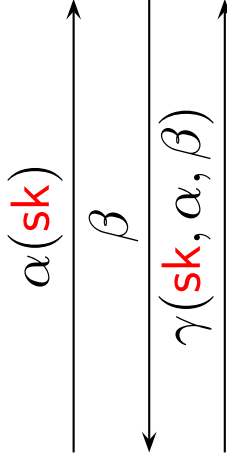
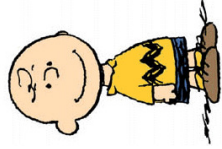
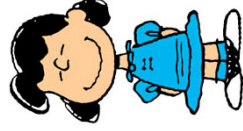


sk



pk



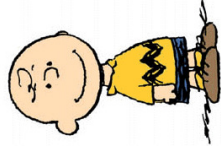
Even if Lucy is *honest*

- ▷ she might learn something about the secret **sk**.

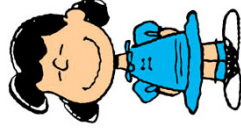
since

- ▷ messages α and γ depend on the secret **sk**.

sk



pk



If Lucy *does not* interact with Charlie then nothing about the secret **sk** is revealed