

Palamidessi uses the separation results to construct two criteria for encodings:

Uniformity:

$$\begin{aligned}\llbracket \sigma(P) \rrbracket &= \sigma(\llbracket P \rrbracket) \\ \llbracket P \mid Q \rrbracket &= \llbracket P \rrbracket \mid \llbracket Q \rrbracket\end{aligned}$$

Reasonability:

the capability of a language to distinguish between two processes when their actions given channel differ.