## 1 Definitions

**Definiton 1.1** (Prorelation). A pre-ordered set of relations  $X \to Y$ , which is down-directed and an upper set.

 $\textbf{Definiton 1.2} \ (\textbf{Composition of prorelations}).$ 

**Definiton 1.3** (Quasi-uniformity).

## 2 Proposition