```
X \qquad \forall p \in \\ [1, \infty)
\ell_p()
\ell_\infty()
S
X
S
C(X)
C(X)
\forall x \in \\ Y, g \in \\ f(x) \neq \\ g(x)
[a, b]
C[a, b]^7
 Usually,
```

Usually, we take = , definition needed. proof needed. it is partially ordered set in Bollobas

book.