

## 8.8 Bases

[2B5]

**Definition 8.79** (Base). [OKK]

For example, if  $X$  is a metric space, then the family of all open balls is a base.

### Exercises

E8.80 [OKM]

E8.81 [OKQ]

E8.82 [OKS]

E8.83 [OM7]

E8.84 [OKV]

E8.85 [OKX]

E8.86 [OKZ]

E8.87 [OM1]

E8.88 [OM3]

E8.89 [OM5]

E8.90 [2F7]

E8.91 [OM9]

E8.92 [2F5]

E8.93 [2FD]

E8.94 [2F9]