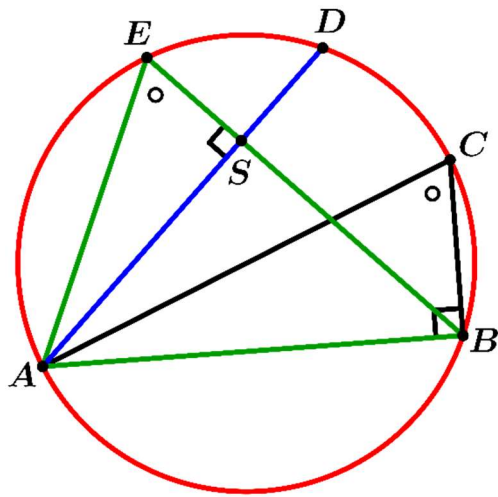


## 6 Loodrechte koorden



$S$  is het snijpunt van  $AD$  en  $BE$ .

Er geldt dat  $\angle ABC = 90^\circ$  (Thales).

$\angle AES = \angle AEB = \angle ACB$  (chs)

Er volgt dat  $\triangle AES \sim \triangle ACB$  (hh).

Hieruit vinden we dat

$\angle DAE = \angle SAE = \angle BAC$ .