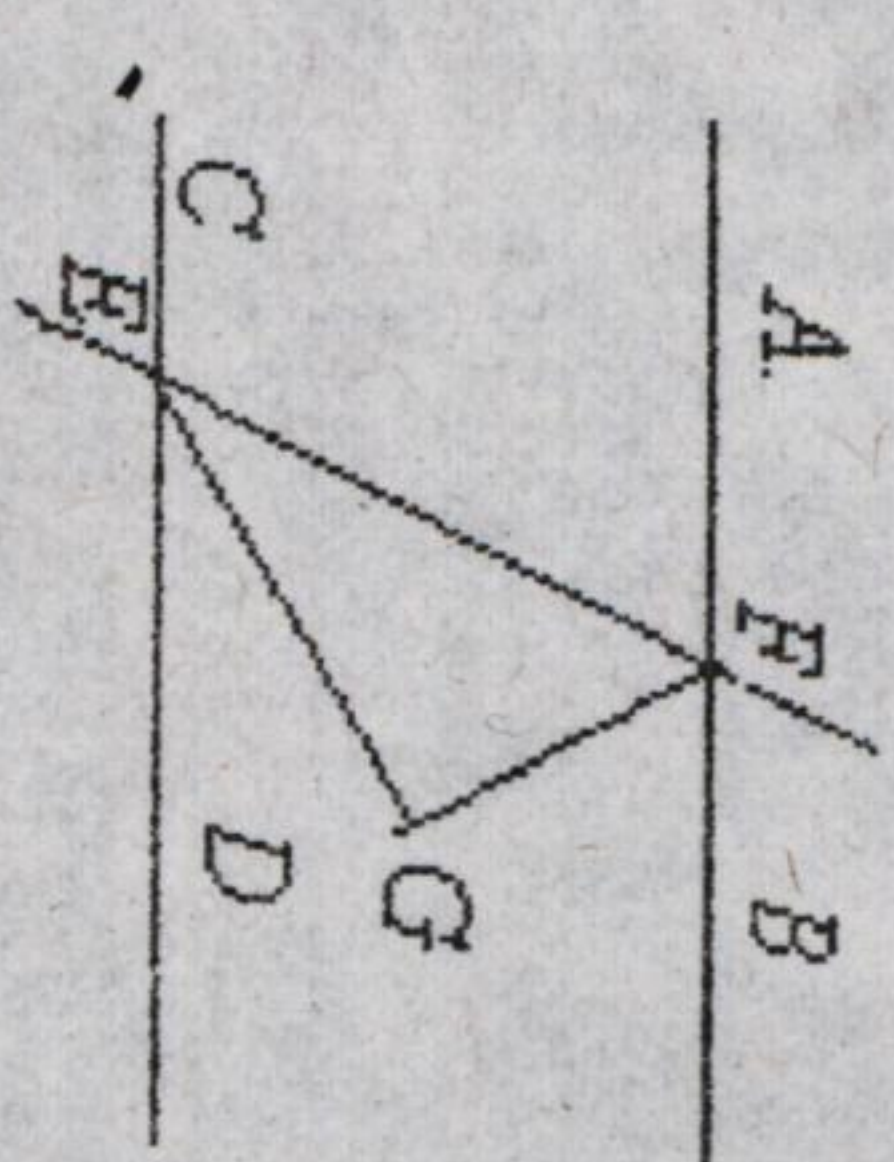
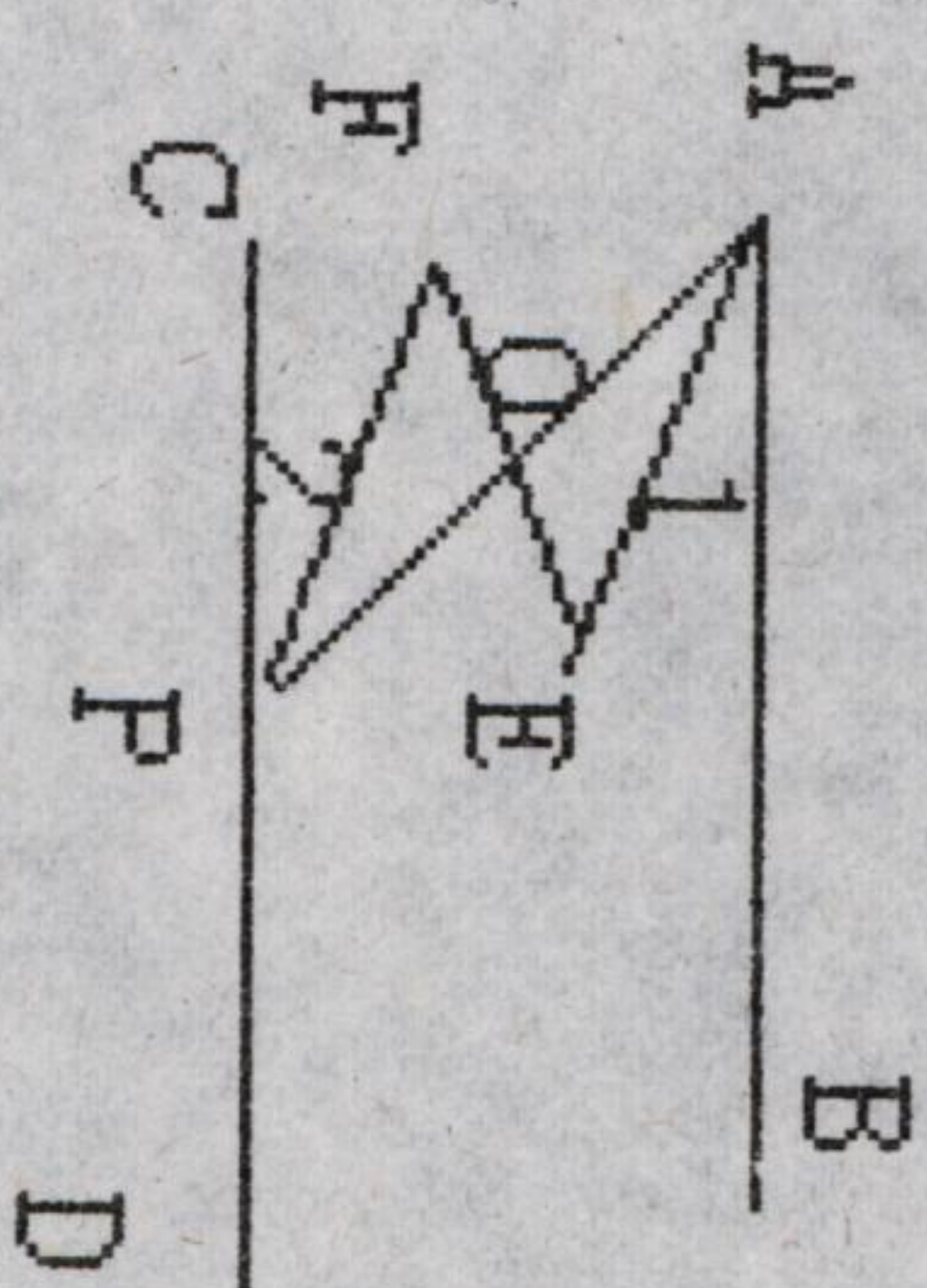


7 如图 $AB \parallel CD$, EG 平分 $\angle BEF$, FG 平分 $\angle EFD$. 求证: $\angle EGF = 90^\circ$

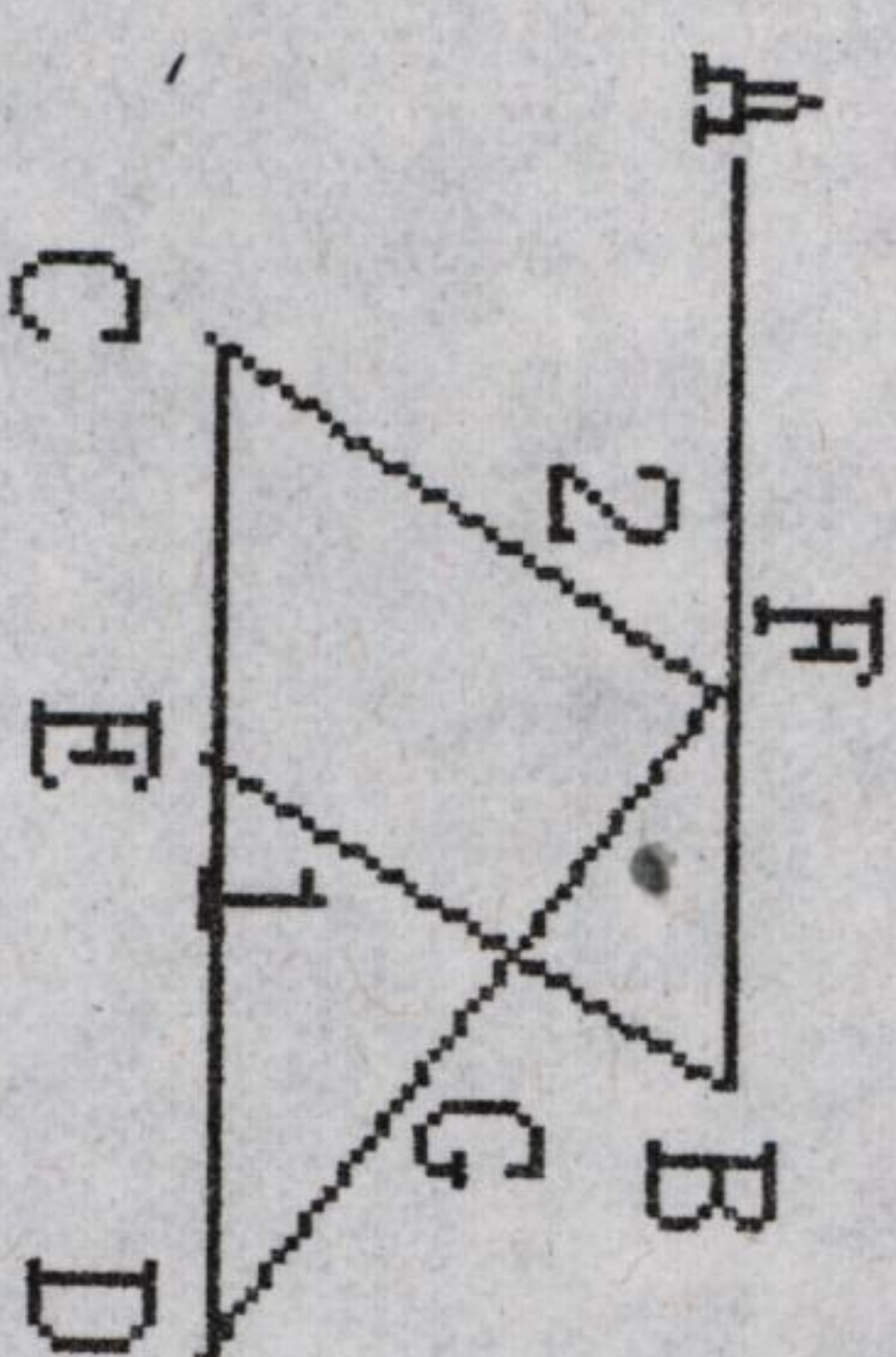


8 已知 $\angle BAP + \angle APD = 180^\circ$, $\angle 1 = \angle 2$.

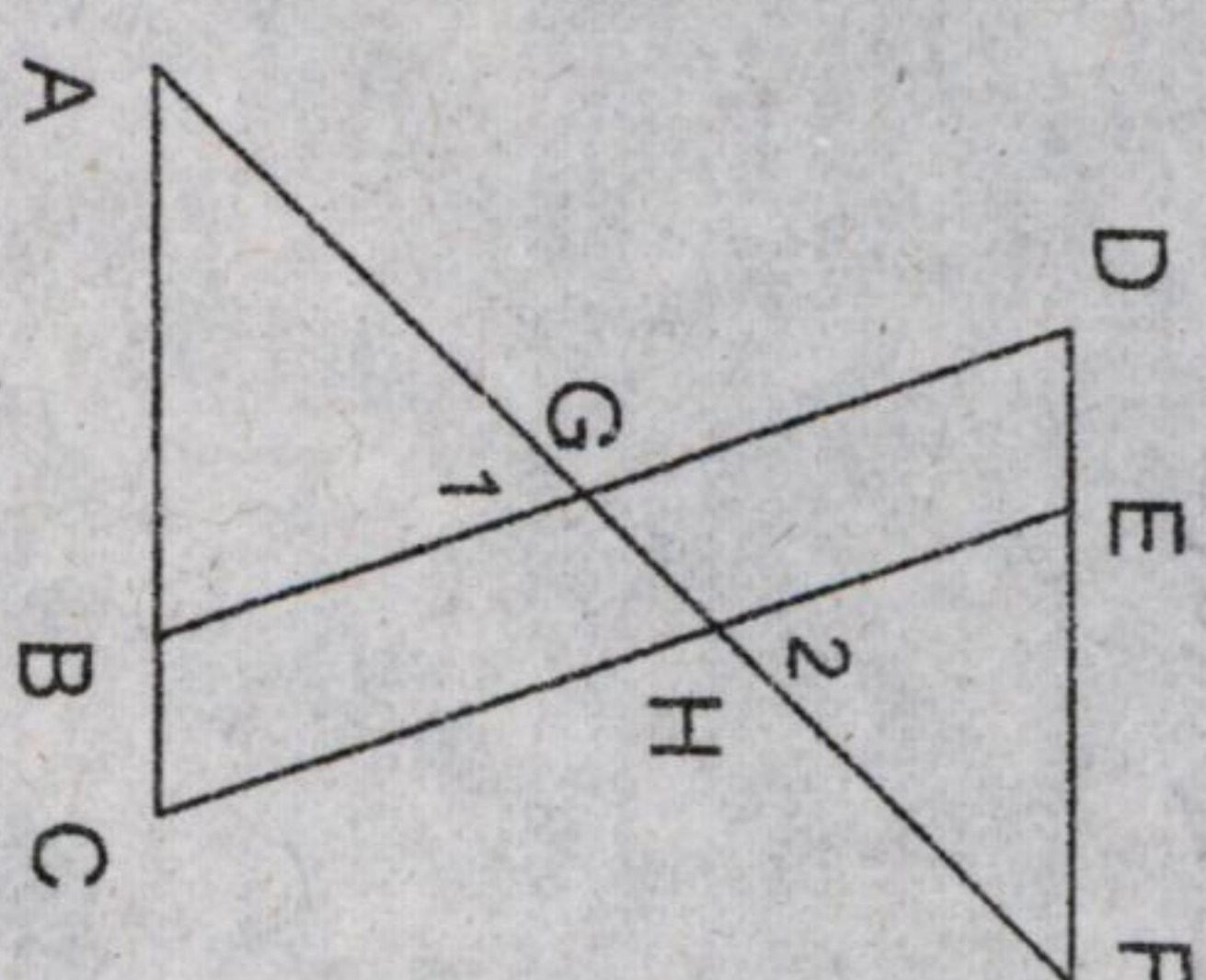
求证: $\angle E = \angle F$



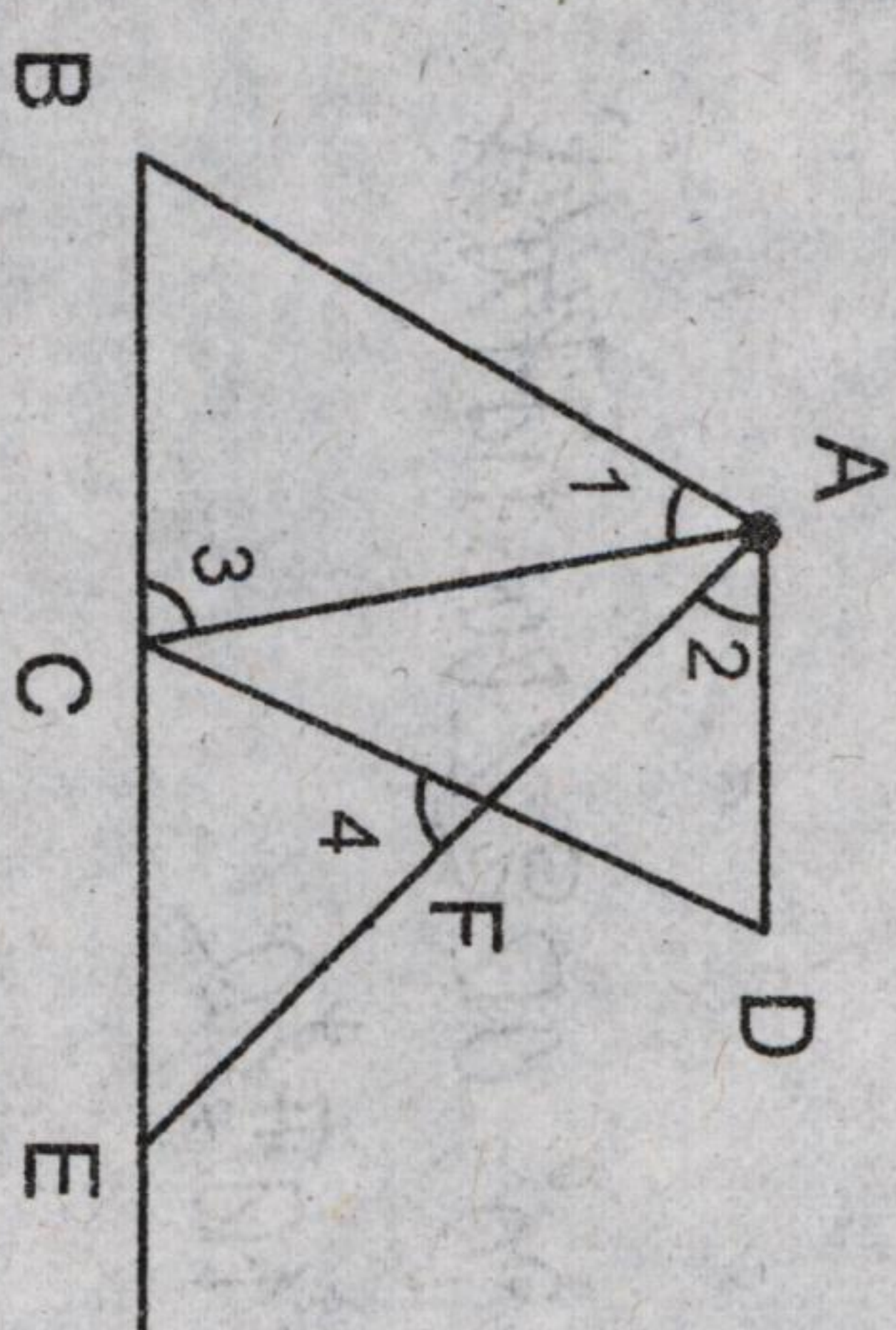
9 如图, $\angle C = \angle 1$, $\angle 2$ 和 $\angle D$ 互余, $BE \perp FD$. 证明: $AB \parallel CD$



10 已知: 如图 $\angle 1 = \angle 2$, $\angle C = \angle D$, $\angle A = \angle F$ 相等吗? 试说明理由



11 如图 $AB \parallel CD$ $\angle 1 = \angle 2$, $\angle 3 = \angle 4$, 试说明 $AD \parallel BE$



12 如图, $DB \parallel FG \parallel EC$, $\angle ACE = 36^\circ$, AP 平分 $\angle BAC$, $\angle PAG = 12^\circ$, 求 $\angle ABD$ 的度数

