

**CREATIVE MATH.**  
15 (2006), 53 - 58

## **Extensions of some Ceva type theorems in polygons**

VASILE POP

**ABSTRACT.** A complete characterization of the concurrence conditions of some straight lines that pass through the vertices of a triangle is given by Ceva Theorem. The problems connected with the concurrence of some lines in polygons, polyhedrons or simplexes lead to the idea of the extension of this result in other concurrence theorems.

UNIVERSITATEA TEHNICĂ CLUJ-NAPOCA  
STR. C. DAICOVICIU 15  
400020 CLUJ-NAPOCA, ROMANIA  
*E-mail address:* [vasile.pop@math.utcluj.ro](mailto:vasile.pop@math.utcluj.ro)