

## Some results on Evans problems

By PINGZHI YUAN (Guangzhou)

**Abstract.** In this paper, we present some new results for Evans problems on Heron triangles. We answer Evans problem (c) affirmatively by using some results from Edwards curves. We also give some new results and examples for Evans problem (a) by using some results of quadratic equations.

PINGZHI YUAN  
SCHOOL OF MATHEMATICAL SCIENCE  
SOUTH CHINA NORMAL UNIVERSITY  
GUANGZHOU 510631  
P. R. CHINA

---

*Mathematics Subject Classification:* 11D09, 11G05.

*Key words and phrases:* Evans problems, Edwards curves, quadratic equations.