

## QUERIES

**Real Analysis Exchange**  
Summer Symposium 2002 pp. 489–490

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## SIMULTANEOUS INTERSECTIONS WITH MEASURABLE FUNCTIONS

Suppose that  $f_i : \mathbb{R} \rightarrow \mathbb{R}$  for  $i = 1, 2, 3$  are measurable functions.

**Question 1.** Does there exist a non-vertical line which intersects the graphs of all three functions?

Additional information concerning this question can be found in [1].

### References

- [1] C. Freiling, P. D. Humke, and M. Laczkovich, *One Old Problem, One New, and their Equivalence*, Tatra Mt. Math. Publ. **24** (2002) 169-174.

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Key Words: measurable functions  
Mathematical Reviews subject classification: Primary: 26A03; Secondary: 54C30  
Received by the editors June 12, 2008