

Abstract Submitted  
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**Tilted polarizer devices with a generic spin torque efficiency coefficient**<sup>1</sup> YA. B. BAZALIY, University of South Carolina, K.E. NEMCHENKO, Kharkiv University, Ukraine — Using the effective planar description [1-3] we study spin transfer devices with tilted polarizer. The dynamics of the free layer are investigated in the case of spin torque with substantially non-constant efficiency factor  $g$ . The switching diagram is constructed and discussed in qualitative terms.

[1] Ya. B. Bazaliy, Appl. Phys. Lett. **91**, 262510 (2007).

[2] Ya. B. Bazaliy, Phys. Rev. B **76**, 140402(R) (2007).

[3] Ya. B. Bazaliy, arXiv:1109.1331 (2011).

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Ya. B. Bazaliy  
University of South Carolina

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