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**Machiel van Frankenhuijsen\*** ([vanframa@uvsc.edu](mailto:vanframa@uvsc.edu)), Department of Mathematics, Utah Valley State College, 800 West University Parkway, Orem, UT 84058-5999. *The abc conjecture implies Vojta's height inequality for curves.*

This summarizes work of Bombieri (abc implies Roth's theorem) and Elkies (abc implies Mordell's conjecture). We also take care to clearly show how effective abc implies an effective version of Vojta's height inequality. (Received September 22, 2006)