

THE DIOPHANTINE EQUATION

$$ax^3 + by^3 + cz^3 = 0.$$

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Introduction.

In this paper, we shall be mainly concerned with the integer solutions of the homogenous Diophantine equation

(1) $ax^3 + by^3 + cz^3 = 0,$

where a , b and c are rational integers, which we may suppose cubefree and coprime in pairs. — In the Introduction, I give a brief survey of the paper.