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On the Diophantine equation $cy^{l}=(x^{p-1})/(x-1)$

Mohammad Sadek

(Submitted on 3 Jun 2012)

Let p, c be distinct odd primes, and I \ge 2 an integer. We find sufficient conditions for the Diophantine equation $cy^{-1}(x^{-1})/(x-1)$ not to have integer solutions

Comments: 7 pages

Number Theory (math.NT) Subjects: Cite as: arXiv:1206.0424v1 [math.NT]

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