

Re: Another set with cardinality $|Z|$

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Eray "are there integers with an infinite number of digits?" Ozkural wrote:

>

> *Ok. Then, let me try to make the point which Jean-Marc Bourguet*
> *demande. Let's imagine a complete binary tree with depth d in Z^**
> *(single vertex tree has depth 0, 2 edge tree has depth 1, ...). Let*
> *each level of vertices be collected in a set of tree levels $L = \{L_0,$*
> *$L_1, L_2, \dots, L_{d-1}\}$. Can I show a mapping from vertex set $V(T)$ to*
> *powerset of L ?*

There is a mapping (function) from every set A to every nonempty set B .

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Robin Chapman, www.maths.ex.ac.uk/~rjc/rjc.html

"Lacan, Jacques, 79, 91-92; mistakes his penis for a square root, 88-9"

Francis Wheen, [_How Mumbo-Jumbo Conquered the World_](#)