
Subject: Re: AGATA Crystal positions (Look-Up Table)

Posted by [miree](#) on Wed, 25 Mar 2015 17:28:52 GMT

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Hi,

as far as I know, the mapping is described by a formula:

The letters {A,B,C} are interpreted as numbers {0,1,2}, respectively.

Given the crystal_id, the letter can be computed as $\text{crystal_id} \% 3$ and the number in front of the letter is just $\text{crystal_id} / 3$

($a \% b$ is the integer modulus operation and a/b is the integer division)

Example:

$\text{crystal_id} = 10$

$\text{crystal_id} \% 3 = 1 \rightarrow A$

$\text{crystal_id} / 3 = 3$

consequently: $\text{crystal_id } 10 = 3A$

I think this scheme agrees with this picture:

<https://lxagata0.ganil.fr:8989/2012-08-27-perf-com/92>
