

number as if

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The inhabitants of the land of Nog look, act and sound just like us. But they differ in number, not in their count, but in their manner. In our mind a number is a quantity, a stack of like items, but in Nog a number is a crystal of facets in infinite dimensional space. Workers of Nog regularly combine numbers in crystal form to create new numbers. Outsiders have been able to replicate a few of these techniques. For example, given numbers n and m in crystal form, the number $n \star m$ is made by letting each dimension aggregate individually. The number $n \nabla m$ is made by taking the smallest in each dimension. The number $n \triangle m$ is made by taking the largest in each dimension. There is a technique $n \dagger m$ practiced only by the great masters of Nog. The \dagger technique is a powerful tool in the hands of these masters. I have personally witnessed a master create extraordinarily intricate crystal structure with just one application of \dagger , starting from simple numbers in crystal form. I have spent the better part of my life here, as a wanderer in the great library of Nog. In many directions my pursuit of knowledge has led me back to \dagger in one form or another. My contention is that in \dagger the masters have tapped into a process that the universe performs but does not explain. If we can replicate their method we will achieve computational power beyond what appears possible.