

## Re: translation

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In article <bWN3d.31881\$aW5.2536@fed1read07>, "nsgi\_2004" <nospam@nospam.com> wrote:

- > *"For all sets A and B, there is a function f that maps A onto B."*
- >
- > *I'm supposed to translate that into logic symbols. My question is, do I*
- > *treat A and B as a single object? Or do I rephrase as:*
- >
- > *For all sets A and for all sets B, there is a function f that maps A onto B.*
- >
- > *Then my translation: Let U denote the universal quantifier and  $\exists$  denote the*
- > *existential quantifier:*
- >
- >  *$(\forall A \text{ and } \forall B) \exists f, f(A) \rightarrow B$*
- >
- > *Is that correct?*
- >
- > *One thing that makes me wonder if I'm not suppose to have the "and" is that*
- > *this section on quantifiers comes before the section on the logical*
- > *operators, such as and. So I'm wondering if I should be using it yet.*

How about

$\forall A \forall B \exists f (A) = B$