

# Re: Semantics of First-Order Languages

---

*Source:* <http://sci.tech-archive.net/Archive/sci.logic/2008-04/msg00086.html>

---

- *From:* Aatu Koskensisilta <[aatu.koskensisilta@xxxxxxxxxx](mailto:aatu.koskensisilta@xxxxxxxxxx)>
  - *Date:* Wed, 02 Apr 2008 09:00:04 GMT
- 

On 2008-04-02, in sci.logic, Thomas Käufel wrote:

please, would you be so kind and tell me what you mean with "r.e."

"Recursively enumerable", that is, enumerated by some recursive function. A set  $A$  of naturals, or of objects we can in some suitable way code as naturals, is recursively enumerable if it is empty or there exists a computable ("recursive") function  $f$  such that  $A = \{f(0), f(1), f(2), \dots\}$ .

—

Aatu Koskensisilta ([aatu.koskensisilta@xxxxxxxxxx](mailto:aatu.koskensisilta@xxxxxxxxxx))

"Wovon man nicht sprechen kann, darüber muss man schweigen"  
– Ludwig Wittgenstein, Tractatus Logico-Philosophicus

.