

CS 685, Exercise #5 (MT)
From Kevin Knight (1997), *AI Magazine*

These are sentence pairs in the (Centauri, Arcturan) made-up languages.
Learn the translation dictionary and word alignments.
The translation dictionary is mostly nonambiguous,

An initial dictionary is given
on the bottom left.

New entries in the
translation dictionary:

1a. ok-voon ororok sprok .
 |
1b. at-voon bichat dat .

2a. ok-drubel ok-voon anak plok sprok .
 | |
2b. at-drubel at-voon pippat rrat dat .

3a. erok sprok izok hihok ghrok .
 |
3b. totat dat arrat vat hilat .

4a. ok-voon anak drok brok jok .
 |
4b. at-voon krat pippat sat lat .

5a. wiwok farok izok stok .

5b. totat jjat quat cat .

6a. lalok sprok izok jok stok .

6b. wat dat krat quat cat .

7a. lalok farok ororok lalok sprok izok enemok .

7b. wat jjat bichat wat dat vat eneak .

8a. lalok brok anak plok nok .

8b. iat lat pippat rrat nnat .

9a. wiwok nok izok kantok ok-yurp .
 |
9b. totat nnat quat oloat at-yurp .

10a. lalok mok nok yorok ghrok klok .
 |
10b. wat nnat gat mat bat hilat .

11a. lalok nok crrrok hihok yorok zanzanok .
 |
11b. wat nnat arrat mat zanzanat .

12a. lalok rarok nok izok hihok mok .

12b. wat nnat forat arrat vat gat .

Translation dictionary:

ghrok - hilat	ok-yurp - at-yurp
ok-drubel - at-drubel	zanzanok - zanzanat
ok-voon - at-voon	

Figure 2. Twelve Pairs of Sentences Written in
Imaginary Centauri and Arcturan Languages.