

## Greek (Modern)

Examine the sounds [x], [k], [ç], and [c] in the following data set.

- [x] represents a voiceless velar oral fricative
  - [ç] represents a voiceless palatal oral fricative
  - [c] represents a voiceless palatal oral stop
- (1) Determine which of these four sounds are in contrastive distribution, and which are in complementary distribution.
  - (2) How many phonemes should we set up for these four sounds in Greek? What are their allophones?

|          |          |            |               |
|----------|----------|------------|---------------|
| [ kano ] | 'do'     | [ kori ]   | 'daughter'    |
| [ xano ] | 'lose'   | [ xori ]   | 'dances'      |
| [ çino ] | 'pour'   | [ xrima ]  | 'money'       |
| [ cino ] | 'move'   | [ krima ]  | 'shame'       |
| [ kali ] | 'charms' | [ xufta ]  | 'handful'     |
| [ xali ] | 'plight' | [ kufeta ] | 'bonbons'     |
| [ çeli ] | 'eel'    | [ oçi ]    | 'no'          |
| [ ceri ] | 'candle' | [ oci ]    | '2.82 pounds' |
| [ çeri ] | 'hand'   |            |               |