

World music as a resource for teaching music theory

John Roeder, University of British Columbia

1. *Gabor* (Balinese gamelan)

(5 attacks maximally evenly in 8 beats)

1 3 4 6 7

inversion

“Gabor” kotekan canons

transposition

canon, one eighth later and one step *higher*

0 2 4 5 7 0

canon, one eighth later and one step *lower*

canon, one eighth later and one step *higher*

2. *Xunfeng qu* (Chinese silk-and-bamboo ensemble)

transposition

inversion

transposition

complete scale

complete scale

Framework:

(inverted)

details derive from framework

3. *Kulwa* (Bolivian julajula panpipe ensemble)

complete female collection

transpose to next “older” pipe

transpose to next “older” pipe

male collection eventually completed!

(male)

(female)