## Danceability of projections of knots with 7 or fewer crossings and links with 6 or fewer crossings.

Green dots show minimal danceability for one orientation or direction on the knot drawing. Blue squares ■ similarly show minimal danceability in the opposite direction. In all cases, dot or square represents a dancer moving in direction of neighboring under-crossing.

Pair of red circles OO show string duet-danceability, if possible.


6

73







6


63




75

## 71

72


77

Alexander and Briggs knot notation



L6a1


L6a2


Borromean rings


L6a5


L6n1

Blue circles show minimal danceability for link. Each blue circle represents a dancer initially moving towards the neighboring under-crossing. Danceability for only one set of possible orientations is shown in each diagram. Link notation from The Knot Atlas, http://katlas.math.toronto.edu/wiki/Main_Page.

