

Passing Siteswap Theory

Tilman Sinning

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1 Siteswap Basics

- Ladder Diagram (with time axis) - Siteswap: average, - Causal Diagram Satz: Local Beat

2 Introduction to Passing Sitewaps

- No information about number of hands - 4444 with three hands - Default hand numbering for two person passing patterns - List with standard passing throws Satz: Global Beat Local vs. Global Siteswaps

2.1 Getins/Getouts

2.2 Determine Starting Position

2.3 Period Length

2.3.1 Odd Period Length

2.3.2 Even Period Length

- different pattern for a and b (979722) -> compatible siteswaps - period can be divided by 4 -> unsymmetrical pattern

2.3.3 Compatible Patterns

- Interfaces - Why not against 6789a

2.3.4 Compatible Feeds

Number of passes in a siteswap

- No compatible 6 club and 7 club patterns

2.4 Asynchronous Patterns with more than two jugglers

- changes: period length, ...

3 Synchronous Siteswaps

- right hands synchronous -> two-count - right hand and left hand synchronous -> 7-club two count - each juggler synchronous -> techno - all hand synchronous -> 8 club singles (two-count)
- very interesting for more than two juggers

3.1 Introduction to synchronous Siteswaps

- 7566 -> 6.5 5.5 6 6 -> 6pb6p 6 6 - 7566 -> (75)(66) -> (6p6p)(66)

3.2 Odd period length

- period needs to be expanded - jugglers do not do the same pattern

3.3 Even period length

3.4 More than two jugglers

3.4.1 Special Case: Synchronuous Feeds

- 4-count feed or pps-feed

3.4.2 Asynchronous Feeds

77772 against why not