

Passing Siteswap Theory

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1 Siteswap Basics

2 Introduction to Passing Sitewaps

2.1 Period Length

2.1.1 Odd Period Length

2.1.2 Even Period Length

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

2.1.3 Compatible Patterns

- Interfaces

2.1.4 Compatible Feeds

2.2 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 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