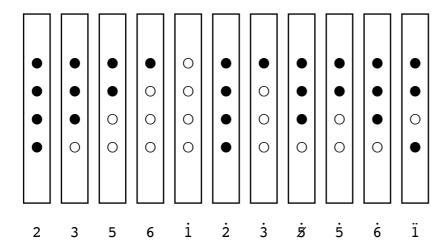
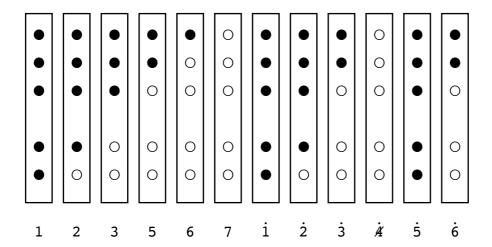
Sulingan 1

Fingering

Slendro



Pelog



Ornaments and long/held notes

Musical ornaments are an important part of suling playing, providing character to the melodies. The characteristic Javanese way in which an ornament is performed is not at the start of the note but after holding the note slightly and then detaching the note immediately after the return to the note. Ornaments are executed in one of the following ways:

- Deflection to a slightly higher or lower pitch this should not be an actual note in the scale but one that is microtonally higher or lower produced by one of several means: alternate fingering; covering an open hole partially by tapping a finger; uncovering a closed hole partially by wobbling the finger joint.
- A brief trilling effect this is done by brushing the fingers of one hand quickly over several open holes (commonly used with all-open fingerings) or (less commonly) fluttering the tongue.

Long or held notes should be performed with some kind of pulsing or beating effect, either vibrato, a series of deflections (see above) or (at the end of a cengkok) articulating the note several times.

Cengkok and selitan/selingan

The melodic patterns that the suling plays are called cengkok. Suling cengkok can be considered to consist of two parts:

- 1. Prefix This first part of a cengkok can be interchanged between different cengkok depending on the pathet (mode) or the overall melodic concordance between gamelan instruments leading up to the seleh.
- 2. Ending This second part follows the prefix directly and can be played after a breath if required. The final note of the ending corresponds with the seleh (final note) of the other gamelan instruments.

There are also short patterns known as selitan or selingan (insertions) which serve to emphasise a particular note, used in conjunction with cengkok.

Performance practice

The suling only plays when most of the other panerusan instruments – pesindhen, rebab, gender, gambang, siter – are also performing. Its function is similar to the pesindhen, providing a rhythmically free part that floats over the rest of the gamelan. The suling also resembles the pesindhen in not performing continuously but only at various points.

The general practice of the suling is to perform one cengkok to every second gatra at a typical irama dadi tempo. This means that in irama wilet which is approximately twice as slow as irama dadi, for example, there would be one cengkok to every gatra. The cengkok performed should always have the same ending as the seleh of the gatra and should not commence until the gatra itself. The cengkok should be timed to coincide with the seleh or (preferably) end slightly late. The prefix can vary according to the pathet or the contour of the other gamelan instruments (see above). Some suling players also play shortened versions of the cengkok in the "off" gatra, however the suling is more effective when heard intermittently.

Apart from the cengkok, it is usual for the suling to add selitan or selingan immediately following a cengkok or at any point in one of the following situations: when the seleh is in a high register; when the melody moves suddenly to a high register; when the melody slides (plesedan) or hangs (gantungan) on a particular note, especially after a seleh.

Suling patterns

In the notation that follows, overbrackets in cengkok indicate the prefix and ending, which may be interchanged between cengkok within a pathet as appropriate. The overbracket in selitan indicates the ending which may be used alone as a very short version if required. The diamond indicates a single ornament. A single underline indicates that the notes above are to be played in one articulation, while double underline indicates or long or held note that requires a pulsing or beating effect.

Slendro sanga

- Cengkok to 2 $3 \diamond 3 \diamond 3 \diamond 21 352 312 632 6 1 5 32$
- Cengkok to 3 6i 2i2 i 352 3i2 6 i 6 53
- Cengkok to 5 $\underbrace{\dot{1}65}$ $\underbrace{\dot{2}}$ $\underbrace{\dot{1}}$ $\dot{3}\dot{5}$ $\underbrace{\dot{2}}$ $\underbrace{\dot{3}\dot{1}2}$ $6\dot{3}\dot{\underline{2}}$ $6\dot{2}\dot{1}\dot{\Diamond}$ $\underbrace{\dot{6}\dot{5}3}$ $\underbrace{65\dot{\Diamond}}$ $\underbrace{65\dot{\Diamond}}$ $\underbrace{[\dot{5}\dot{\Diamond}\dot{:}]}$
- Cengkok to 6 $\underline{561}$ $\underline{\dot{2}}$ $\underline{\dot{1}}$ $3\dot{5}\underline{\dot{2}}$ $\underline{\dot{3}1\dot{2}}$ $\underline{\dot{6}}$ $\underline{\dot{1}}$ $\underline{\dot{2}3\dot{2}}$ $\underline{\dot{65}}$ $\underline{\dot{1}}\underline{\dot{6}}$ $\underline{\dot{6}}$ $\underline{\dot{5}1}\underline{\dot{6}}$ $\underline{\dot{6}}$ $\underline{\dot{6}}$ $\underline{\dot{6}}$
- Selitan to 5 $\dot{2}$ $\dot{3}\dot{2}$ $\dot{1}\dot{4}$ $6\dot{4}\dot{5}\dot{3}$ $65\dot{4}$ $65\dot{4}$ $[:5\dot{4}:]$
- Selitan to 6 $\underline{6}$ $\underline{1}$ $\underline{232}$ $\underline{65}$ $\underline{16} \diamond$ $\underline{516} \diamond$ $\underline{[:16} \diamond:]$
- Selitan to 1 $\underline{\dot{2}}$ $\underline{\dot{3}\dot{2}}$ $\underline{\dot{1}}$ $\underline{\dot{6}}$ $\underline{\dot{6}}$ $\underline{\dot{5}}$ $\underline{\dot{6}}$ $\underline{\dot{1}}$ $\underline{\dot{1}}$ $\underline{\dot{6}}$ $\underline{\dot{1}}$ $\underline{\dot{6}}$ $\underline{\dot{2}}$ $\underline{\dot{1}}$
- Selitan to 2 $\underline{6}$ $\underline{2}\underline{1} \diamond \underline{6}$ $\underline{1}$ $\underline{5}$ $\underline{32}$
- Selitan to 3 $\underline{61} \ \underline{2} \land \underline{3} \ \underline{12} \ \underline{6} \ \underline{1} \ 6 \land 53$
- Selitan to 5 $\dot{1}65 \dot{1}65 \dot{2} \dot{3} \dot{5}\dot{8}\dot{5}[\dot{8}\dot{5}\dot{3}]$
- Selitan to 6 $\underline{56\dot{1}}$ $\underline{\dot{2}}$ $\underline{\dot{5}\dot{z}}$ $\underline{\dot{6}}$ $\underline{\dot{6}}$ $\underline{\dot{6}}$ $\underline{\dot{6}}$

Slendro manyura

- Cengkok to 3 $6\dot{1}\dot{2}\dot{1}\dot{2}\dot{1}\dot{3}\dot{5}\dot{2}\dot{3}\dot{1}\dot{2}$ $6\dot{1}$ $6\dot{1}6\diamond532$ $53\diamond$ $53\diamond$ $[:3\diamond:]$
- Cengkok to 5 $2 \diamond 2 \diamond 2 = 1 \quad 352 \quad 312 \quad 632 \quad 6 \diamond 6 \diamond 616 \diamond 53 \quad 65 \diamond \quad 65 \diamond \quad [:5 \diamond :]$
- Selitan to 6 $5\cancel{5}$ $\cancel{6}$ $\cancel{6}$ $\cancel{5}$ $\cancel{2}$ $\cancel{3}$ $\cancel{12}$ $\cancel{6}$ $\cancel{6}$
- Selitan to 2 6 $\dot{2}\dot{1}$ 6 $\dot{6}\dot{1}6$ 53 65 32

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Selitan to 5 \underline{6i} \underline{6i6 \diamond 53} \underline{65 \diamond} \underline{65 \diamond} \underline{[:5 \diamond:]}
```

Selitan to 6
$$\frac{\dot{3}}{\dot{3}\dot{5}} \frac{\dot{\dot{6}}\dot{\dot{6}}}{\dot{\dot{6}}\dot{\dot{6}}} [\dot{\dot{5}} \ddot{\dot{1}}\dot{\dot{6}} \frac{\dot{\dot{6}}\dot{\dot{6}}}{\dot{\dot{6}}}]$$

Pelog nem

Cengkok to 1
$$\dot{1}\dot{2}\dot{\diamond}$$
 $\dot{2}\dot{\diamond}$ $\dot{2}\dot{\diamond}$ $\dot{1}\dot{6}$ $\dot{2}$ $\dot{1}\dot{2}\dot{3}\dot{1}\dot{2}\dot{1}$ $\dot{6}$ 5 $\dot{1}$ 6 $\dot{5}$ 5 6 5 $\dot{\diamond}$ 32 53 21

Cengkok to 2
$$3 \diamond 3 \diamond 3 \diamond 21 3 \qquad 23121 \qquad 65 1 6 \diamond 565 \diamond 32312$$

Cengkok to 3
$$5 \diamond 5 \diamond 56 \dot{1} \dot{2} \dot{1} \dot{2} \dot{3} \dot{1} \dot{2} \dot{1} \dot{1} \dot{6} \dot{5} \dot{1} \dot{6} \dot{5} \dot{5} \dot{6} \dot{5} \dot{3} \dot{2} \dot{5} \dot{3} \dot{5} \dot{3} \dot{5} \dot{5} \dot{6} \dot{5} \dot{3} \dot{2}$$

Cengkok to 5
$$\underline{\dot{1}\dot{2}}$$
 $\underline{\dot{2}}$ $\underline{\dot{2}}$ $\underline{\dot{2}}$ $\underline{\dot{1}}$ $\underline{\dot{6}}$ $\underline{\dot{2}}$ $\underline{\dot{1}}$ $\underline{\dot{1}}$

Selitan to 5
$$\dot{1}\dot{2}\dot{0}\dot{1}$$
 65 $\dot{1}$ 66 $\dot{5}\dot{6}\dot{5}\dot{3}\dot{2}$ 65 $\dot{3}\dot{6}\dot{5}\dot{0}$ [:5 $\dot{0}\dot{0}$]

Selitan to 6
$$\underline{65}$$
 5 $\underline{56}$ $\underline{1}$ $\underline{2}$ 5 $\underline{16}$ $\underline{6}$ [:5 $\underline{16}$:]

Selitan to 1
$$\dot{1}\dot{2} \diamond \dot{1}$$
 65 $\dot{1}$ 6 \diamond 565 \diamond 32 53 21

Selitan to 2
$$3 \diamond 23121 \cdot 65 \cdot 1 \cdot 6 \diamond 565 \diamond 32312$$

Selitan to 3 56
$$\dot{1} \diamond \dot{2}$$
 5 $\dot{1}$ 6 \diamond 565 \diamond 32 53 \diamond 53 \diamond [:3 \diamond :]

Selitan to 5 56
$$\dot{1}$$
 $\dot{2}$ $\dot{3}\dot{6}\dot{5}$ $\dot{5}$ $\dot{6}\dot{5}$

Selitan to 6 56
$$\dot{1}$$
 $\dot{2}$ 516 $\dot{3}\dot{6}$ $\dot{3}\dot{6}$ $\dot{3}\dot{6}$ $\dot{3}\dot{6}$

Pelog barang

Cengkok to 2
$$3 \diamond 3 \diamond 3 \diamond 27 \qquad 234232 \qquad 6 \diamond 6 \diamond 656756 \qquad 5 \qquad 6532 \qquad 532$$

Cengkok to 3
$$67 \ \dot{2}\dot{3} \ \dot{2}\dot{3}\dot{4}\dot{2}\dot{3}\dot{2} \ 76 \ \dot{2} \ 7 \ \dot{6}5 \ 76756 \ 5 \ 6532 \ 53 \ \dot{5}3 \ \dot{[:3 \ \dot{:}]}$$

Cengkok to 6
$$3 \circ 3 \circ 3 \circ 27 \circ 3 \circ 234232 \circ 6 \circ 567 \circ 232 \circ 76 \circ 2765 \circ 76756$$

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Selitan to 3
\underline{67}
\underline{2}\,\dot{3}\,\dot{\diamond}\,\dot{2}
\underline{7}\,\dot{\diamond}\,65
\underline{7}\,\dot{6}\,756
\underline{5}
\underline{6}\,532
\underline{5}\,3\,\dot{\diamond}
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Practice repertoire

1

Ketawang Subakastawa, laras slendro pathet sanga

2

Ladrang Wilujeng, laras slendro pathet manyura

3

Ladrang Sri Rejeki, laras pelog pathet nem

3 5 3 2 . 1 6 5 Buka: 2 2 3 2 1 [: 1 6 3 $5 \lozenge^2$ 3 ż 6 2 1 6 2 1 6 2 1 456546(5)2 1 6 52 45624212 45624212 45654652 45624212 45654652 - + - - - 3 2 6 (5) 45624212 456 . 5 2 3 2 1

4

Ketawang Larasmaya, laras pelog pathet barang