| Class | Test | PASS /FAIL |
|---|---|---|
| Resonator | Constructor – generates new object with specified parameters | PASS |
| | set – sets the values of the object | PASS |
| | setPassthough - sets passthrough to true and mute to false | PASS |
| | setMute-sets mute to tre passthrough to false | PASS |
| | adjustImpulseGain - adjusts the gain of the resonator | PASS |
| | step - adjusts values in the anti-resonator from calulation | PASS |
| AntiResonator | Constructor – generates new object with specified parameters | PASS |
| | set – sets the values of the object | PASS |
| | setPassthough - sets passthrough to true and mute to false | PASS |
| | setMute-sets mute to tre passthrough to false | PASS |
| | adjustImpulseGain - adjusts the gain of the anti-resonator | PASS |
| | step - adjusts values in the anti-resonator from calulation | PASS |
| DifferencingFilter | Constructor – generates new object with specified parameters | PASS |
| | step - adjusts values in the differencing filter from calulation | PASS |
| FrameParms | Constructor – generates new object with specified parameters | PASS |
| GeneralParameters | Constructor – generates new object with specified parameters | PASS |
| LpFilter1 | Constructor – generates new object with specified parameters | PASS |
| | set – sets the values of the object | PASS |
| | setPassthough - sets passthrough to true and mute to false | PASS |
| | setMute-sets mute to tre passthrough to false | PASS |
| | adjustImpulseGain - adjusts the gain of the resonator | PASS |
| | step - adjusts values in the anti-resonator from calulation | PASS |
| LpNoiseSource | Constructor – generates new object with specified parameters | PASS |
| | getNext - Calculates the next outputvalue from the synthesiser | PASS |
| NaturalGlottalSource | Constructor – generates new object with specified parameters | PASS |
| | startPeriod - assigns values to the NGS upon creation | PASS |
| | getNext - Calculates the next outputvalue from the synthesiser | PASS |
| Generator | Constructor – generates new object with specified parameters | PASS |
| | generateFrame - generates output array for sound production | PASS |
| | step | PASS |
| | comutation | PASS |
| | computation | PASS |
| | periodLength | PASS |
| | startUsingNewFrameParameters - called by startNewPeriod, changes to new Frame parameters in object | PASS |
| | initGlottalSource - initialises the glottal source wave generator | PASS |
| | startGlottalSourcePeriod - used by initGlottalSOurce to run start period function of a glottalsource object | PASS |
| | setTiltFilter - sets the value of the tilt filter | PASS |
| | branch | PASS |
| | cascade branch | PASS |
| | branch | PASS |
| | branch | PASS |
| | branch# | PASS |
| | caluculating rms | PASS |
| | setFstate - sets the parameters for the fState object | PASS |

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