The invention claimed is:

1. A method, performed by an audio signal processing device, for determining an estimate of a sample of a subband signal from two or more previous samples of the subband signal, wherein the subband signal corresponds to one of a plurality of subbands of a subband-domain representation of an audio signal, the method comprising determining signal model data comprising a model parameter; determining a first prediction coefficient to be applied to a first previous sample of the subband signal; wherein a time slot of the first previous sample immediately precedes a time slot of the first sample; wherein the first prediction coefficient is determined in response to the model parameter using a first lookup table and/or a first analytical function; determining a second prediction coefficient to be applied to a second previous sample of the subband signal; wherein a time slot of the second previous sample immediately precedes a time slot of the first previous sample; wherein the second prediction coefficient is determined in response to the model parameter using a second lookup table and/or a second analytical function; and determining the estimate of the sample by applying the first prediction coefficient to the first previous sample and by applying the second prediction coefficient to the second previous sample; wherein the method is implemented, at least in part, by one or more processors of the audio signal processing device.

2. An audio signal processing device configured to determine an estimate of a sample of a subband signal from two or more previous samples of the subband signal, wherein the subband signal corresponds to one of a plurality of subbands of a subband-domain representation of an audio signal; wherein the audio signal processing device comprises a predictor calculator configured to determine signal model data comprising a model parameter; determine a first prediction coefficient to be applied to a first previous sample of the subband signal; wherein a time slot of the first previous sample immediately precedes a time slot of the first sample; wherein the first prediction coefficient is determined in response to the model parameter using a first lookup table and/or a first analytical function; and determine a second prediction coefficient

to be applied to a second previous sample of the subband signal; wherein a time slot of the second previous sample immediately precedes a time slot of the first previous sample; wherein the second prediction coefficient is determined in response to the model parameter using a second lookup table and/or a second analytical function; and a subband predictor configured to determine the estimate of the first sample by applying the first prediction coefficient to the first previous sample and by applying the second prediction coefficient to the second previous sample; wherein one or more of the predictor calculator and the subband predictor are implemented, at least in part, by one or more processors of the audio signal processing device.

3. A non-transitory computer-readable storage medium comprising a sequence of instructions which, when executed by a computer, cause the computer to perform the method of claim 1.