

Correlation

Autocorrelation

Fundamental
Frequency

LPC Analysis

LPC Synthesis

LPC

Correlation

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graph LR; A[Correlation] --> B[Autocorrelation]; B --> C[Fundamental Frequency]; B --> D[LPC Analysis]; B --> E[LPC Synthesis]; C --> F[LPC]; D --> F; E --> F;
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The diagram illustrates the steps of Linear Predictive Coding (LPC). It begins with 'Correlation' and 'Autocorrelation' in light blue boxes with green borders. 'Autocorrelation' leads to 'Fundamental Frequency', 'LPC Analysis', and 'LPC Synthesis', which are in light gray boxes. Finally, 'Fundamental Frequency', 'LPC Analysis', and 'LPC Synthesis' all lead to the final 'LPC' output, which is in a tall light gray box.

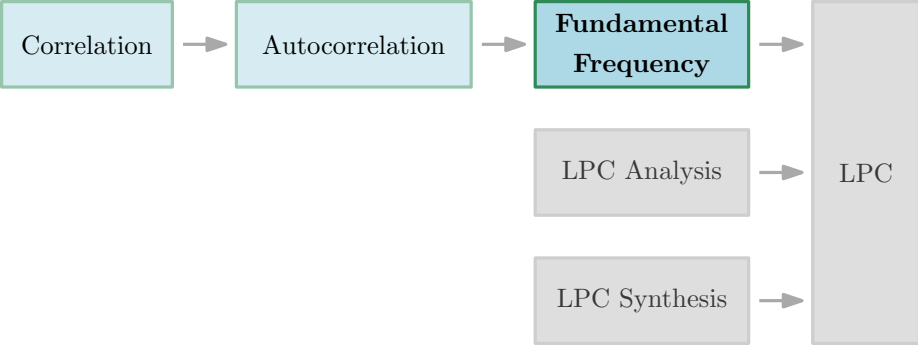
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graph LR; A[Correlation] --> B[Autocorrelation]; B --> C[Fundamental Frequency]; C --> D[LPC]; E[LPC Analysis] --> D; F[LPC Synthesis] --> D;
```

The diagram illustrates the process of Linear Predictive Coding (LPC). It begins with a sequence of three gray boxes: 'Correlation', 'Autocorrelation', and 'Fundamental Frequency', connected by right-pointing arrows. From 'Fundamental Frequency', an arrow points to a tall gray box on the right labeled 'LPC'. Below the 'Fundamental Frequency' box, there are two more boxes: 'LPC Analysis' (highlighted with a blue background and a green border) and 'LPC Synthesis' (a gray box). Both 'LPC Analysis' and 'LPC Synthesis' have arrows pointing to the 'LPC' box on the right.

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LPC Analysis



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