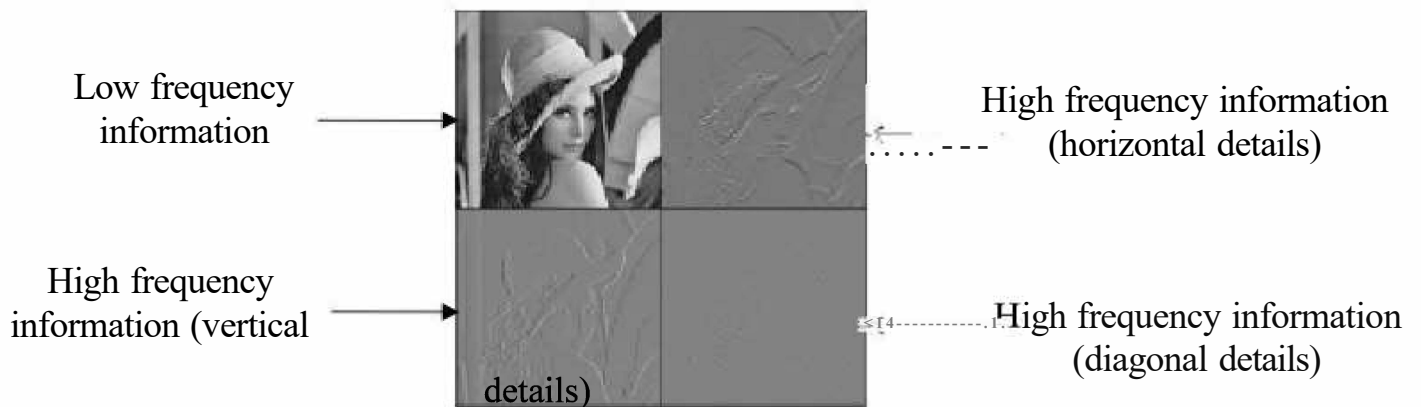


## 2D-Forward Transform

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- 1-D sets of samples are decomposed into low-pass and high-pass samples.
- Low-pass samples represent a down-sampled, low resolution version of the original set.
- High pass samples represent a down-sampled residual version of the original set (details).



# Forward Transform

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- Discrete Wavelet Transform (DWT) is used to decompose each tile component into different sub-bands.
- The transform is in the form of dyadic decomposition and use bi-orthogonal wavelets.





JPEG 6.3KB



JPEG 2000 6.3KB