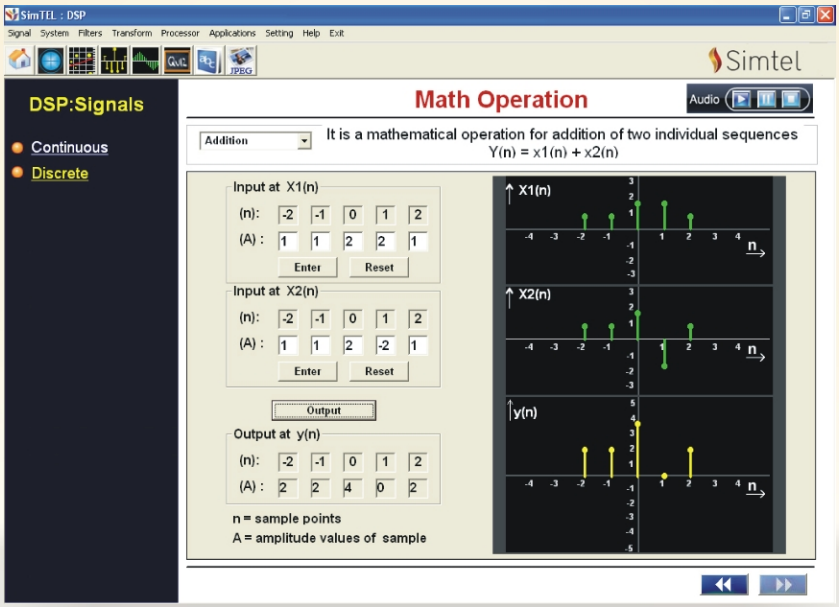
Scientech

Digital Signal Processing (DSP)

Simtel



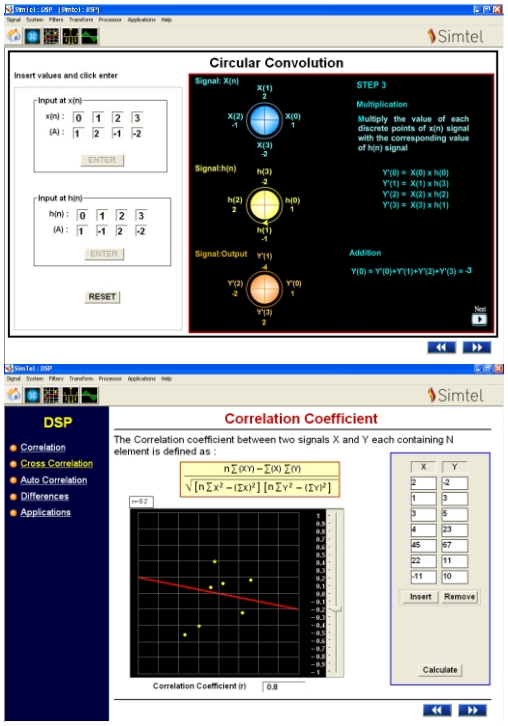
The Simtel DSP module is unique software to understand the concepts of Digital Signal Processing. This is a good tutorial to learn the basics of DSP in an easily understandable way without resorting to too much Mathematics. It offers real time understanding of DSP algorithms and a better visualization of signals and their applications through simulation. Graphically based programs provide easy understanding of DSP hardware and applications.

Simtel DSP is an attempt to transform all the mathematical details into lucid graphical explanation of the topics covered under DSP syllabus. Interactive Simulations are provided for complex principles and theorems where the user can experiment with his own choices of signals and systems.

Topics covered:

- **Signals: Signals, Math Operations, System, Sampling, Quantization, Reconstruction**
- **Filter: Convolution, Correlation, FIR, IIR**
- **Transformation: Fourier Series, Fourier Transformation, DFT, FFT, Z-Transform**
- **Processors: Embedded System, DSP Processor, TMS 320C6713, Analog Processor**
- **Applications: Image Processing, JPEG Image Compression, Telephone, Medical**

Software program windows:



System Requirements:

- Windows XP SP3 or Later (English Version)
- Processor family X86
- Dotnet Framework 4.0 & above
- Flash player 9.0 & above

Subject to Change

Designed and Manufactured in India by -

Scientech Technologies Pvt. Ltd.

94, Electronic Complex, Pardesipura, Indore-452010, India.

© +91-731-4211100, ✉ info@scientech.bz, www.ScientechWorld.com, Helpline : +91 9893270301