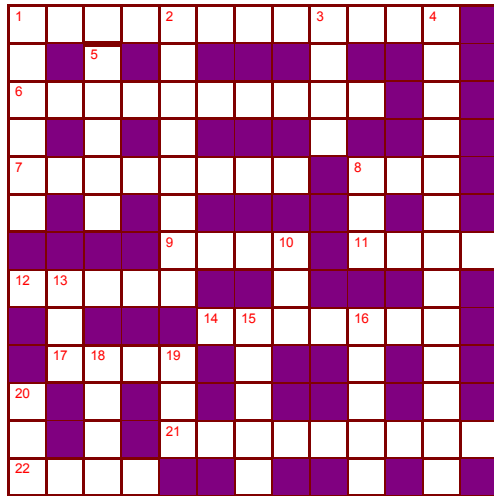


Audio_Visual_xbook3_011

B.B. Huria



Across

- 1 'P' in 'JPEG'. (12)
- 6 Gamma ____: Before being displayed, the linear RGB data must be processed to compensate for the gamma of the display. (10)
- 7 E' in 'FED', a technology similar in operation to CRTs in that phosphor is excited by a stream of electrons traveling through a vacuum, with light-emitting characteristic of the display. (8)
- 8 A universal method of manufacturing integrated circuits (ICs) with the pins arranged in two parallel rows. Some ____ components are soldered in and some use ____ sockets. (3)
- 9 Active Sync Termination Adapter. A VGA-style (15-pin HD connector) adapter that provides active circuits that shape up the horizontal and vertical sync signals. (4)
- 11 ____ noise: A type of random noise that contains an equal amount of energy per octave. (4)
- 12 I' in 'ITU', a global organization responsible for establishing television standards. (5)
- 14 The standard unit, dB, used to express gain or loss of power between two values. (7)
- 17 First 'T' in 'TFT'. (4)
- 21 C' in 'OCR', i.e. hardware and/or software that reads characters as images and converts them into text to be used in a computer. (9)
- 22 ____ cable has a maximum throughput of 16 Mbps and is usually utilized for 10BaseT networks. (4)
- that does not lose its contents when power is removed, and that can be reprogrammed using a special burner. (4)
- 4 An electronic limit to avoid overdriving an audio or video signal. (8,5)
- 5 ____ wire - Non-insulated wire used in cable termination as a ground connection. (5)
- 8 An imaging technology for video projection developed by Texas Instruments, based on the modulation of light reflected from mirror elements known as Micromirrors. (3)
- 10 Apple Display Connector; One connection that routes all power, USB, and digital video signal to the monitor on a single cable. (3)
- 13 A unit of measurement of luminance, used to describe the brightness of computer displays; one ____ is equal to one candela per square meter. (3)
- 15 First 'E' in 'ELFEXT', i.e. the amount of crosstalk at the far end after compensation for attenuation over a run. (5)
- 16 ____ Burst: The video waveform without the video elements. (5)
- 18 H' in 'DHCP' stands for _____. (4)
- 19 A peripheral card, that interfaces a computer to a network. (3)
- 20 A circuit used to automatically control the level of the recorded or transmitted signal. A.k.a. Automatic Level Control (ALC), or Automatic Volume Control (AVC). (3)

Down

- 1 P' in 'IPX', a protocol commonly used over Novell Network and Microsoft Windows networks. (6)
- 2 The result of the TV scan lines exceeding the boundaries of the display screen. (8)
- 3 An electronic memory