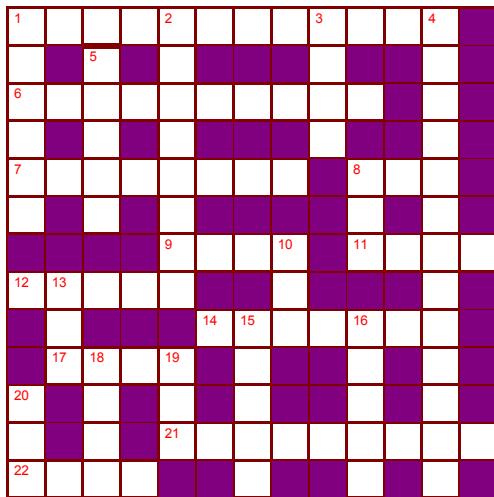


Audio_Visual_xbook3_011

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)

Down

1 P' in 'IPX', a protocol commonly used over Novell Netware 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

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)