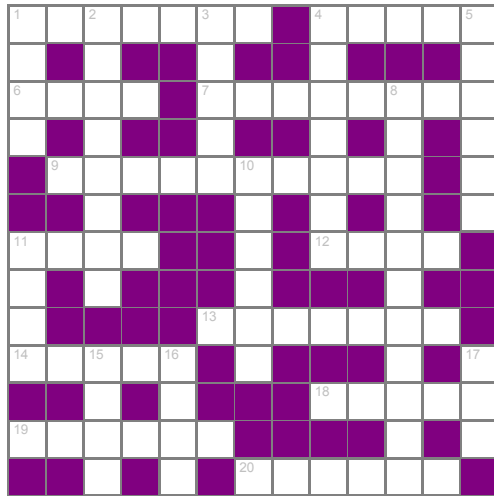


Audio_Visual_xbook3_021

B.B. Huria



Across

- 1 V' in 'LVDS', a signal transmission standard developed for the connection of laptop computers to their local LCD displays. (7)
- 4 Of short duration or distance. (5)
- 6 ____ doubler: An IDTV feature that doubles the number of scan lines in a video picture. This fills the space between the original lines, making them less noticeable and increases the brightness of the picture. (4)
- 7 ____ deflection: A method of altering the path of an object (such as an electronic beam) with a magnetic field. (8)
- 9 Colour ____: The carrier signal or frequency on which the colour signals are modulated. (10)
- 11 H' in 'HDTV'. (4)

- 12 G' in 'AGC' stands for _____. (4)

- 13 ____ cable - A two-conductor wire in which one conductor completely wraps the other, with the two separated by insulation. (7)
- 14 Electrostatic ____: A.k.a. electrostatic deflection. A CRT tube focusing method that uses electrically charged plates instead of deflection coils to focus the electron beam. (5)
- 18 J' in 'JPEG'. (5)
- 19 Outward curved edges on a display image. (6)
- 20 Electrical connection of a circuit to a point designated as having zero potential. (6)

Down

- 1 The unit of potential difference. (4)
- 2 L' in 'HTML'. (8)
- 3 The light output of a CRT is not linear with respect to the

voltage input. It is the difference between what you should have and what is actually output. (5)

- 4 A video problem when the top of the screen hooks, bends, or tears to the side. A.k.a. "hooking." (7)
- 5 Crest ____ - Ratio of peak value of a signal divided by the rms value of the signal. For audio program, it determines the required headroom needed in the audio system. (6)
- 8 Active Sync ____ Adapter. A VGA-style (15-pin HD connector) adapter that provides active circuits that shape up the horizontal and vertical sync signals. (11)
- 10 ____ noise: Also known as "white noise." A noise signal that never repeats and has a flat frequency spectrum. (6)

- 11 ____ duplex: Data or audio transmission that can occur in two directions over a single line, but only one direction at a time. (4)

- 15 For a differential amplifier, the ratio of the differential gain to the common mode gain. (4)
- 16 It refers to the timing difference which occurs when electrical signals which are traveling over different pairs of cables reach their destinations at different times. (4)
- 17 Asynchronous Transfer Mode. In videoconferencing, a system for transmission and switching of digital signals through the telephone system. (3)