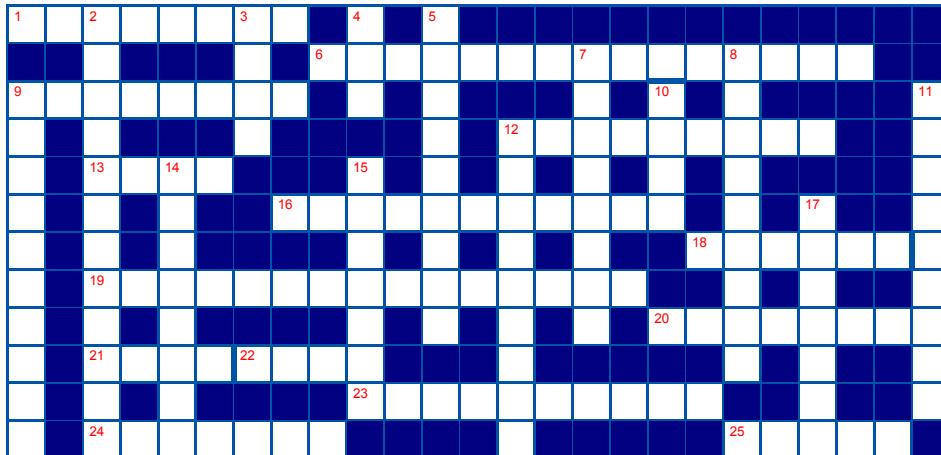


## Audio\_Visual\_xbook3\_047\_25x12

B.B. Huria



### Across

1 'C' in 'CAV', i.e. \_\_\_\_ RPM or revolutions per minute. A laserdisk format. (8)

6 Placing one image over another so that both may be seen at the same time. (15)

9 \_\_\_\_ ratio - The ratio of the high light output level divided by the low light output level. (8)

12 'XT' in 'NEXT', a measure of interference between the conductors of a cable. (9)

13 \_\_\_\_ cancellation - A DSP technique that filters unwanted signals caused by echoes from the main audio source. (4)

16 Rainbow artifacts in an encoded video picture. (5,6)

18 The branch of physics that studies the physical properties of light. (6)

19 Used in telephone networks to reduce the impact of echo and thereby improve voice quality. (4,11)

20 'S' in 'ISDN', an

international communications standard for sending voice, video, and data digitally over telephone lines. (8)

21 Of a bluish shade of green. (4)

22 \_\_\_\_ enhancement - Mixes the right amount of blue information with the green signal for displaying text in a more readable "aqua" colour. (4)

23 Magnetic \_\_\_\_: A method of altering the path of an object (such as an electronic beam) with a magnetic field. (10)

24 \_\_\_\_ device: Any output device for presenting information visually. (7)

25 Basic process in which the output of the input signal is delayed by a specified time. (5)

### Down

2 A system of video recording that uses one head to scan one field of video onto the tape. (3-9)

3 The television standard for North America and

parts of South America having 525 lines/60 Hz (60 Hz refresh), two fields per frame and 30 frames per second. (4)

4 A path for transporting voltages, signals, or a ground between the different sections of an electronic device, such as a data \_\_\_\_ between a CPU and memory or a peripheral device. (3)

5 Used for eliminating ghosting in television monitors by demagnetizing the CRT. (9)

7 'P' in 'DHCP' stands for \_\_\_\_\_. (8)

8 'T' in 'SMTP'. (9)

9 Last 'C' in 'FCC', the US governmental agency that controls and makes all policy for the use of broadcast airwaves. (10)

10 A person who makes use of a thing. (4)

11 'P' in 'DSP', a specialized CPU to process audio and video signals which have been converted to digital form. (9)

12 Active \_\_\_\_ - A circuit that separates the audio

signal into the appropriate frequency bands for the woofer, midrange, and tweeter. (9)

14 \_\_\_\_ filter: A circuit that discriminates between high and low frequencies and allows only the high frequencies to pass. (4,4)

15 Second 'C' in 'CCD', i.e. a light-detecting circuit array used in video cameras, scanners, and digital still cameras. (7)

17 A system of data or image values in the form of discrete, non-continuous codes, such as binary. (7)