

with head life for optimum system performance.

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Bibliography

1. Balint, A., Lovick, R. C., and Stockdale, W. L.: "Design considerations for a high-efficiency contact motion-picture printer with magnetic sound transfer and monitoring," *Jour. SMPTE*, 76: 904-907, Sept. 1967.
2. Bourot, J. M.: "Quelques résultats concernant l'usure des bandes magnétiques," *Rev. Son.*, 66: 252-253, Oct. 1958.
3. Bull, R. A.: "A four-track magnetic transducer with replaceable working gaps," *Jour. SMPTE*, 65: 373-375, July 1956.
4. Carroll, J. F., Jr., and Gotham R. C.: "The measurement of abrasiveness of magnetic tape," *IEEE Trans MAGNETICS MAG-2*: 6-13, Mar. 1966.
5. Grimwood, W. K., and Horak, J. R.: "Sound recording on magnetic tape, Part 20: the effect of repeated use on sound recording quality," Feb. 19, 1954 Eastman Kodak Tech Memo 9867 (unpublished).
6. McKnight, J. G.: "Tape reproducer response measurements with a reproducer test tape," *J. AES*, 15: 152-156, Apr. 1967.
7. Mochring, W.: "Recent developments in magnetic heads for use in motion pictures," *Jour. SMPTE*, 72: 298-300, Apr. 1963.
8. Morrison, R. K.: "Reproducer test tapes: evolution and manufacture," *J. AES*, 15: 157-162, Apr. 1967.
9. Rabinowicz, E.: *Friction and Wear of Materials*, Wiley (New York) 1965.
10. Rettinger, M.: "Magnetic head wear investigation," *Jour. SMPTE*, 64: 179-183, Apr. 1955.
11. Rettinger, M.: "Replaceable pole tip caps of CinemaScope magnetic reproduce heads," *Jour. SMPTE*, 65: 652-653, Dec. 1956.
12. Wilson, A. M.: "Reliability and drop-out studies for long playing loops," *IRE Conv. Rec.*, Vol. 8, Pt 9: 170-178, 1960.
13. Wood, R. H.: "How to improve video head and tape life," *Broadcast News, RC-1*; Vol. 137, Jan. 1968.

Errata

There is given below information to correct or supply data regrettably not properly given in the original *Journal* publication.

MARCH, 1968

On p. 190, column 1, line 18,

For: "Flutter at 3 kHz 0.8% at 90 ft/min

Read: "Flutter at 3 kHz 0.08% at 90 ft/min

JUNE, 1968

Sections Meetings

On p. 670, Cape Kennedy, March 16,

For: "GM" read "GE" (General Electric Co.) throughout.

For: "Roland Rester" read "Roland Pester"

Add: Following "The Cape Kennedy Section began its meeting..."

"at General Electric, Daytona Beach, Fla.

On p. 672, Hollywood, Feb. 20,

First sentence should read:

Approximately 200 members were in attendance at the meeting of the **Hollywood Section** to hear Jon Hall of Jon Hall U/W Camera Housings describe his system of anamorphic lenses.

For: "Howard Studoker" read "Howard Stucker"

On p. 672, Hollywood, March 20,

For: Walter Deyer, Universal International

Read: Walter Beyer, Universal City Studios

JULY, 1968, Part II, Membership Directory

On p. 11, Revisions Committee on Constitution, etc.

Add: Robert G. Hufford

On p. 46, Alphabetic List of Members

For: Fassnacht, Paul W., V.P. Production

Read: Fassnacht, Paul W., President

On p. 69, Alphabetic List of Members

For: Metzger, William H., District Mgr., General Aniline & Film Corp., 206 Utah Ave., S. San Francisco, Calif. 94080 (M)

Read: (for address) 140 West 51 St., New York, N.Y. 10020