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OFDM, digital in-band-on-channel AM/FM radio, PAC encoder. *Cupo, R.L., +, T-BC Mar 98 22-27*

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Digital magnetic recording

video services broadcasting, cost-effective storage server. *Shiao-Li Tsao, +, T-BC Sep 98 300-308*

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MPEG-2 video programs, joint coding for digital broadcasting services. *Sung-Hoon Hong*, +, *T-BC Jun 98* 153-164
PFD trigger threshold for co-ordination of BSS(S) and point-to-multipoint terrestrial systs. *Kerans, A.J.*, +, *T-BC Dec 98* 449-454
RLSA antenna optimum design for DBS reception. *Kechagias, K.*, +, *T-BC Dec 98* 460-469
- Satellite communication**
VSAT secure satellite commun., key distrib. *Jeong-Hyun Park*, +, *T-BC Sep 98* 274-277
- Satellite mobile communication**
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- Scheduling**
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CATV MPEG-2 multiplexers, timestamp-sensitive scheduling. *Ying-Dar Lin*, +, *T-BC Sep 98* 336-345
- Security**; cf. Alarm systems; Data security
- Semiconductor device noise**
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- Sequences**
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- Sequential decoding**; cf. Viterbi decoding
- Series (mathematics)**; cf. Fourier series
- Shot noise**
HFC upstream channel, impulse noise ident. *Kuo-Hui Li*, +, *T-BC Sep 98* 324-329
- Signal analysis**; cf. Spectral analysis
- Signal detection**; cf. Maximum likelihood detection; Optical signal detection
- Signal processing**; cf. Signal sampling; Video signal processing
- Signals**
OFDM, digital in-band-on-channel AM/FM radio, PAC encoder. *Cupo, R.L.*, +, *T-BC Mar 98* 22-27
- Signal sampling**
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- Simulation**
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- Singular value decomposition**
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- Slot arrays**
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- Software**; cf. Communication system software
- Spectral analysis**
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FCC DTV spectral emission mask, adjacent channels degrad., antenna pattern differences. *Eilers, C.*, +, *T-BC Mar 98* 28-39
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Stability; cf. Numerical stability

Standards; cf. Communication standards

Statistics

- 11.6 GHz commun./broadcasting satellite systs., rain atten., diurnal distrib. *Matricciani, E., T-BC Jun 98 250-258*
- num. calc. and stat. anal. of MW field intens. on synchronized emitters. *Wang, Z., +, T-BC Dec 98 409-418*

Stochastic processes; cf. Markov processes; Time series

Subcarrier multiplexing

- increasing channel capacity and range on urban opt. analog AM-VSB CATV systs. *Podcameni, A., +, T-BC Dec 98 436-444*

Subscriber loops

- CATV coaxial networks, upstream high speed digital commun. *Brendle, P., +, T-BC Sep 98 353-362*
- HFC upstream channel, impulse noise ident. *Kuo-Hui Li, +, T-BC Sep 98 324-329*

Subscriber loops; cf. Optical subscriber loops

Synchronization

- MPEG2 distributed single freq. network, field trials. *O'Leary, S., T-BC Jun 98 194-205*

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Time series

- 11.6 GHz commun./broadcasting satellite systs., rain atten., diurnal distrib. *Matricciani, E., T-BC Jun 98 250-258*

Time-varying channels

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Traffic control (communication)

- hybrid fiber-coax networks, upstream bandwidth dyn. assignment. *Suming Ju, +, T-BC Sep 98 330-335*
- optimal real-time admission control algms. for video-on-demand service. *Lin, F.Y.-S., T-BC Dec 98 402-408*
- VOD service, adaptive fast data broadcasting scheme. *Li-Shen Juhn, +, T-BC Jun 98 182-185*

Transform coding

- MPEG-2 video programs, joint coding for digital broadcasting services. *Sung-Hoon Hong, +, T-BC Jun 98 153-164*

Transforms; cf. Discrete cosine transforms; Discrete Fourier transforms; Fourier transforms

Transmission lines; cf. Coaxial transmission lines

Transmitters; cf. Radio transmitters; TV transmitters

Traveling wave amplifiers

- COFDM for DAB, perform. eval., HPA nonlin. effects. *Le, M.T., +, T-BC Jun 98 165-171*

TV; cf. Cable TV; Digital TV; Interactive TV

TV broadcasting

- 11.6 GHz commun./broadcasting satellite systs., rain atten., diurnal distrib. *Matricciani, E., T-BC Jun 98 250-258*
- 16DAPSK-OFDM modulation for digital transm. of high bit rate sigs. *Moriyama, S., +, T-BC Mar 98 115-122*
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- DVB-T digital TV broadcasting, param. optim./simulated perform. *Armada, A.G., +, T-BC Mar 98 131-138*
- DVB-T sigs., mobile broadcasting. *O'Leary, S., +, T-BC Sep 98 346-352*
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- OFDM perform. in amp. nonlin. *Merchan, S., +, T-BC Mar 98 106-114*
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TV broadcasting; cf. Cable TV; Digital TV; Interactive TV

TV cameras

- color TV cameras for UV/near-IR/vis. *Tagiguchi, Y., +, T-BC Mar 98 123-130*

TV equipment; cf. TV cameras; TV receivers; TV transmitters

TV interference

- DBS MPEG-2 spatial scalable video codec. *Yuh-Feng Hsu, +, T-BC Jun 98 233-242*
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- FCC DTV spectral emission mask, adjacent channels degrad., antenna pattern differences. *Eilers, C., +, T-BC Mar 98 28-39*
- HFC upstream channel, impulse noise ident. *Kuo-Hui Li, +, T-BC Sep 98 324-329*
- mobile video sig. reception, adaptive equalization of multipath interf. *Zhichun Lei, +, T-BC Jun 98 172-181*
- OFDM terrestrial digital TV broadcasting, channel estim. *Chini, A., +, T-BC Mar 98 2-11*

TV receivers

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UHF radio propagation

- land use land cover categories, clutter losses/environ. noise charact. *Rubinstein, T.N., T-BC Sep 98 286-293*
- S-band LMS propag. channel for different environ./shadowing/elevation angles. *Perez-Fontan, F., +, T-BC Mar 98 40-76*

Ultraviolet detectors

- color TV cameras for UV/near-IR/vis. *Tagiguchi, Y., +, T-BC Mar 98 123-130*

Urban areas

- increasing channel capacity and range on urban opt. analog AM-VSB CATV systs. *Podcameni, A., +, T-BC Dec 98 436-444*

V

VHF radio propagation

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Video cameras

- video camera syst. using liquid-crystal polarizing filter to reduce reflected light. *Fujikake, H., +, T-BC Dec 98 419-426*

Video codecs

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Video coding

- DVB-T digital TV broadcasting, param. optim./simulated perform. *Armada, A.G., +, T-BC Mar 98 131-138*
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VBR MPEG-2 video over ATM networks, cell discarding mechanisms.
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Video equipment

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digital video services broadcasting, cost-effective storage server. *Shiao-Li Tsao*, +, *T-BC Sep 98* 300-308

Video equipment; cf. Video cameras; Video codecs

Video on demand; cf. Interactive TV

Video signal processing

AM sigs., carrier wave freq. multiplication. *Trzaska, H.*, *T-BC Sep 98* 294-299
data broadcasting/receiving scheme for popular video service. *Li-Shen Juhn*, +, *T-BC Mar 98* 100-105
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Video signal processing; cf. Video coding

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Viterbi decoding

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W

Wire communication; cf. Cable TV