

ELECTRICAL COMMUNICATION INDEX, VOLUME 56 (1981)

Subject Index

	Number	Page
Advanced Component Technology, ITT1240 Digital Exchange, J. Cornu and M. Meinck	2/3	161
Analysis of Tapered Graded Index Fibers, Optical Fiber Technology, F. Montalti, M. Valli, and R. Vannucci	4	431
An Introduction, ITT1240 Digital Exchange, M. Langenbach-Belz, A. Melis, and H. Verhille	2/3	114
An Introduction to Integrated Services Digital Networks, G. Robin and S. R. Treves	1	4
Application to Broadband Networks, Optical Fiber Technology, J. Dupieux, C. K. Kao, H. Ohnsorge, and P. Radley	4	379
Application to the Local Network, ITT1240 Digital Exchange, M. Van Brussel and A. Campos Flores	2/3	218
Application to the Toll Network, ITT1240 Digital Exchange, P. Haerle and M. della Bruna	2/3	235
Architecture, ITT1240 Digital Exchange, R. Bonami, J. M. Cotton, and J. N. Denenberg	2/3	126
 Broadband Networks, Optical Fiber Technology: Application to, J. Dupieux, C. K. Kao, H. Ohnsorge, and P. Radley	4	379
 Cable Performance Evaluation, Subscriber, R. F. Rous and J. D. Weston	1	80
CCITT No 7 Common Channel Signaling, ITT1240 Digital Exchange: Implementation of, B. Rossi and F. Haerens	2/3	264
Component Technology, ITT1240 Digital Exchange: Advanced, J. Cornu and M. Meinck	2/3	161
Connectors and Splices, Optical Fiber Technology, J. D. Archer and J. S. Leach	4	358
Customer Access to Integrated Services Digital Networks, R. C. Slatter, W. A. G. Walsh, F. Kaderali, and P. Schmidt	1	31
 Dam Water Level Measurement Transmission System, Optical Fiber Technology. A. Aguilar Morales, P. Diaz Aranda, B. Fernandez Rondan, and V. Quilez Sanchez	4	412
Detectors and Receivers, Optical Fiber Technology, G. Antell, A. Davis, K. Hess, W. Muska, and J. Rozenbergs	4	349
Digital Exchanges, <i>see</i> ITT1240 Digital Exchange		
Digital Local Area Field Trials, J. A. Murray and F. Kaderali	1	87
Digital Network, <i>see</i> Integrated Services Digital Network		
Digital Subscriber Loops, F. Kaderali and J. D. Weston	1	71
Digital Subset Characteristics for a Future Digital Telephone Network, L. Gasser, G. Rahmig, and K. Széchényi	1	103
Digital Switching Network, ITT1240 Digital Exchange, J. M. Cotton, K. Giesken, A. Lawrence, and D. C. Upp	2/3	148
Digital Telephone Network, Digital Subset Characteristics for a Future , L. Gasser, G. Rahmig, and K. Széchényi	1	103
Distributed Control to Handling Non-Voice Services, Application of, G. Tolusso and S. R. Treves	1	44
 Equipment Practice, ITT1240 Digital Exchange, H. Schiemann, L. Van Laere, and F. Leyssens	2/3	283
 Hardware Description, ITT1240 Digital Exchange, S. Das, K. Strunk, and F. Verstraete	2/3	135
History and Future, Optical Fiber Technology, C. K. Kao	4	325
 Impact of Non-Voice Services on Network Evolution, E. A. Smith, W. A. G. Walsh, and M. J. Willson	1	17
Implementation of CCITT No 7 Common Channel Signaling, ITT1240 Digital Exchange, B. Rossi and F. Haerens	2/3	264
 Integrated Services Digital Networks		
An Introduction to Integrated Services Digital Networks, G. Robin and S. R. Treves	1	4
Application of Distributed Control to Handling Non-Voice Services, G. Tolusso and S. R. Treves	1	44
Customer Access to Integrated Services Digital Networks, R. C. Slatter, W. A. G. Walsh, F. Kaderali, and P. Schmidt	1	31
Digital Local Area Field Trials, J. A. Murray and F. Kaderali	1	87
Digital Subscriber Loops, F. Kaderali and J. D. Weston	1	71
Digital Subset Characteristics for a Future Digital Telephone Network, L. Gasser, G. Rahmig, and K. Széchényi	1	103
Impact of Non-Voice Services on Network Evolution, E. A. Smith, W. A. G. Walsh, and M. J. Willson	1	17
Subscriber Cable Performance Evaluation, R. F. Rous and J. D. Weston	1	80
Terminals for New Services, B. Cramer and H. J. Winterbotham	1	97
Transport Methods for Integrated Services Digital Networks, C. R. Carter, M. J. Collard, M. J. Hillyard, W. A. G. Walsh, and J. Serrano Hernandez	1	57
Installation, ITT1240 Digital Exchange: Manufacture and, P. Pahud and A. L. Perga	2/3	293
ITT Communication System Installations, Optical Fiber Technology, C. Ebhardt, P. J. Howard, and A. Norz	4	385
 ITT1240 Digital Exchange		
Advanced Component Technology, J. Cornu and M. Meinck	2/3	161
An Introduction, M. Langenbach-Belz, A. Melis, and H. Verhille	2/3	114
Application to the Local Network, M. Van Brussel and A. Campos Flores	2/3	218
Application to the Toll Network, P. Haerle and M. della Bruna	2/3	235
Architecture, R. Bonami, J. M. Cotton, and J. N. Denenberg	2/3	126
Digital Switching Network, J. M. Cotton, K. Giesken, A. Lawrence, and D. C. Upp	2/3	148
Equipment Practice, H. Schiemann, L. Van Laere, and F. Leyssens	2/3	283

	Number	Page
Hardware Description, S. Das, K. Strunk, and F. Verstraete	2/3	135
Implementation of CCITT No 7 Common Channel Signaling, B. Rossi and F. Haerens	2/3	264
Manufacture and Installation, P. Pahud and A. L. Perga	2/3	293
Network Planning and Application, F. Alvarez Casas and F. Casali	2/3	302
Operations and Maintenance, E. Bertoli, H. Neufeldt, and M. Smouts	2/3	184
Operator Subsystem, R. Delit, M. A. Henrion, J. Van Walle, H. Strasser, and W. Würth	2/3	248
Overview, F. W. Gibbs	2/3	112
Product Support Systems, C. G. Denenberg and J. H. Newey	2/3	274
Software Concepts and Implementation, L. Katzschnier and F. Van den Brande	2/3	173
System Effectiveness, J. Dutt and H. A. Malec	2/3	198
Traffic Handling Capacity, J. R. de los Mozos Marques and A. Buchheister	2/3	207
 Local Area Field Trials, J. A. Murray and F. Kaderali	1	87
Local Network, ITT1240 Digital Exchange: Application to the, M. Van Brussel and A. Campos Flores	2/3	218
 Maintenance, ITT1240 Digital Exchange: Operations and, E. Bertoli, H. Neufeldt, and M. Smouts	2/3	184
Manufacture and Installation, ITT1240 Digital Exchange, P. Pahud and A. L. Perga	2/3	293
Mexico City Telecommunication Network, Optical Fiber Technology: Transmission System for the, L. H. J. Clarke and O. Muino-Kielman	4	399
Military Applications, Optical Fiber Technology, S. E. Dollar	4	416
 Network Planning and Application, ITT 1240 Digital Exchange, F. Alvarez Casas and F. Casali	2/3	302
New Services, Terminals for, B. Cramer and H. J. Winterbotham	1	97
Non-Voice Services on Network Evolution, Impact of, E. A. Smith, W. A. G. Walsh, and M. J. Willson	1	17
 Operations and Maintenance, ITT1240 Digital Exchange, E. Bertoli, H. Neufeldt, and M. Smouts	2/3	184
Operator Subsystem, ITT1240 Digital Exchange, R. Delit, M. A. Henrion, J. Van Walle, H. Strasser, and W. Würth	2/3	248
 Optical Fiber Technology:		
Analysis of Tapered Graded Index Fibers, F. Montalti, M. Valli, and R. Vannucci	4	431
Application to Broadband Networks, J. Dupieux, C. K. Kao, H. Ohnsorge, and P. Radley	4	379
Connectors and Splices, J. D. Archer and J. S. Leach	4	358
Dam Water Level Measurement Transmission System, A. Aguilar Morales, P. Diaz Aranda, B. Fernandez Rondan, and V. Quilez Sanchez	4	412
Detectors and Receivers, G. Antell, A. Davis, K. Hess, W. Muska, and J. Rozenbergs	4	349
History and Future, C. K. Kao	4	325
Impact on the Telecommunication Network, K. H. Schmidt	4	371
ITT Communication System Installations, C. Ebhardt, P. J. Howard, and A. Norz	4	385
Military Applications, S. E. Dollar	4	416
Optical Video Transmission System, B. Rhomberg	4	407
Preform Manufacture, B. A. Perrett	4	364
Research in the 1980s, P. W. Black, J. Irven, and F. Akers	4	331
Semiconductor Light Sources, I. G. A. Davies, A. R. Goodwin, P. A. Kirby, and R. F. Murison	4	338
Special Applications, P. Sothcott	4	423
Transmission System for the Mexico City Telecommunication Network, L. H. J. Clarke and O. Muino-Kielman	4	399
Transmission System for the Spanish National Railway, A. Aguilar Morales and Fernandez Rondan	4	403
Undersea Communication Systems, J. E. Gayler and J. F. Tilly	4	392
 Overview, ITT1240 Digital Exchange, F. W. Gibbs	2/3	112
 Preform Manufacture, Optical Fiber Technology, B. A. Perrett	4	364
Product Support Systems, ITT1240 Digital Exchange, C. G. Denenberg and J. H. Newey	2/3	274
 Semiconductor Light Sources, Optical Fiber Technology		
I. G. A. Davies, A. R. Goodwin, P. A. Kirby, and R. Murison	4	338
Software Concepts and Implementation, ITT1240 Digital Exchange, L. Katzschnier and F. Van den Brande	2/3	173
Spanish Railway, Optical Fiber Technology: Transmission System for the, A. Aguilar Morales and B. Fernandez Rondan	4	403
Special Applications, Optical Fiber Technology, P. Sothcott	4	423
Subscriber Cable Performance Evaluation, R. F. Rous and J. D. Weston	1	80
Subscriber Loops, Digital, F. Kaderali and J. D. Weston	1	71
System Effectiveness, ITT1240 Digital Exchange, J. Dutt and H. A. Malec	2/3	198
 Tapered Graded Index Fibers, Optical Fiber Technology: Analysis of, F. Montalti, M. Valli, and R. Vannucci	4	431
Telecommunication Network, Optical Fiber Technology: Impact on the, K. H. Schmidt	4	371
Terminals for New Services, B. Cramer and H. J. Winterbotham	1	97
Toll Network, ITT1240 Digital Exchange: Application to the, P. Haerle and M. della Bruna	2/3	235
Traffic Handling Capacity, ITT1240 Digital Exchange, J. R. de los Mozos Marques and A. Buchheister	2/3	207
Transmission System, Optical Fiber Technology: Dam Water Level Measurement, A. Aguilar Morales, P. Diaz Aranda, B. Fernandez Rondan, and V. Quilez Sanchez	4	412

	Number	Page
Transport Methods for Integrated Services Digital Networks, C. R. Carter, M. J. Collard, M. J. Hillyard, W. A. G. Walsh, and J. Serrano Hernandez	1	57
Undersea Communication Systems, Optical Fiber Technology, J. E. Gayler and J. F. Tilly	4	392
Video Transmission System, Optical Fiber Technology: Optical, B. Rhomberg	4	407

ELECTRICAL COMMUNICATION INDEX VOLUME 56 (1981)

Author Index

Akers, F., Black, P. W., and Irven, J., Optical Fiber Technology: Research in the 1980s	4	331
Alvarez Casas, F., and Casali, F., ITT1240 Digital Exchange: Network Planning and Application	2/3	302
Antell, G., Davis, A., Hess, K., Muska, W., and Rozenbergs, J., Optical Fiber Technology: Detectors and Receivers	4	349
Aguilar Morales, A., Diaz Aranda, P., Fernandez Rondan, B., and Quilez Sanchez, V., Optical Fiber Technology: Dam Water Level Measurement Transmission System	4	412
Aguilar Morales, A., and Fernandez Rondan, B., Optical Fiber Technology: Transmission System for the Spanish National Railway	4	403
Archer, J. D., and Leach, J. S., Optical Fiber Technology: Connectors and Splices	4	358
Bertoli, E., Neufeldt, H., and Smouts, M., ITT1240 Digital Exchange: Operations and Maintenance	2/3	184
Black, P. W., <i>see</i> Akers, F.		
Bonami, R., Cotton, J. M., and Denenberg, J. N., ITT1240 Digital Exchange: Architecture	2/3	126
Buchheister, A., and de los Mozos Marques, J. R., ITT1240 Digital Exchange: Traffic Handling Capacity	2/3	207
Campos Flores, A., and Van Brussel, M., ITT1240 Digital Exchange: Application to the Local Network	2/3	218
Carter, C. R., Collard, M. J., Hillyard, M. J., Walsh, W. A. G., and Serrano Hernandez, J., Transport Methods for Integrated Services Digital Networks	1	57
Casali, F., <i>see</i> Alvarez Casas, F.		
Clarke, L. H. J., and Muino-Kielman, O., Optical Fiber Technology: Transmission System for the Mexico City Telecommunication Network	4	399
Cornu, J., and Meinck, M., ITT1240 Digital Exchange: Advanced Component Technology	2/3	161
Cotton, J. M., Giesken, K., Lawrence, A., Upp, D. C., ITT1240 Digital Exchange: Digital Switching Network	2/3	148
Cotton, J. M., <i>see</i> Bonami, R.		
Collard, M. J., <i>see</i> Carter, C. R.		
Cramer, B., and Winterbotham, H. J., Terminals for New Services	1	97
Das, S., Strunk, K., and Verstraete, F., ITT1240 Digital Exchange: Hardware Description	2/3	135
Davies, I. G. A., Goodwin, A. R., Kirkby, P. A., and Murison, R. F., Optical Fiber Technology: Semiconductor Light Sources	4	338
Davis, A., <i>see</i> Antell, G.		
Delit, R., Henrion, M. A., Van Walle, J., Strasser, H., and Würth, W., ITT1240 Digital Exchange: Operator Subsystem	2/3	248
de los Mozos Marques, J. R., <i>see</i> Buchheister, A.		
della Bruna, M., and Haerle, P., ITT1240 Digital Exchange: Application to the Toll Network	2/3	235
Denenberg, C. G., and Newey, J. H., ITT1240 Digital Exchange: Product Support Systems	2/3	274
Denenberg, J. N., <i>see</i> Bonami, R.		
Diaz Aranda, P., <i>see</i> Aguilar Morales, A.		
Dollar, S. E., Optical Fiber Technology: Military Applications	4	416
Dupieux, J., Kao, C. K., Ohnsorge, H., and Radley, P., Optical Fiber Technology: Application to Broadband Networks	4	379
Dutt, J., and Malec, H. A., ITT1240 Digital Exchange: System Effectiveness	2/3	198
Ebhardt, C., Howard, P. J., and Norz, A., Optical Fiber Technology: ITT Communication System Installations .	4	385
Fernandez Rondan, B., <i>see</i> Aguilar Morales, A.		
Gasser, L., Rahmig, G., and Széchenyi, K., Digital Subset Characteristic for a Future Digital Telephone Network	1	103
Gayler, J. E., and Tilly, J. F., Optical Fiber Technology: Undersea Communication Systems	4	392
Giesken, K., <i>see</i> Cotton, J. M.		
Goodwin, A. R., <i>see</i> Davies, I. G. A.		
Haerle, P., <i>see</i> della Bruna, M.		
Haerens, F., and Rossi, B., ITT1240 Digital Exchange: Implementation of CCITT No 7 Common Channel Signaling	2/3	264
Henrion, M. A., <i>see</i> Delit, R.		
Hess, K., <i>see</i> Antell, G.		
Hillyard, M. J., <i>see</i> Carter, C. R.		
Howard, P. J., <i>see</i> Ebhardt, C.		
Irven, J., <i>see</i> Akers, F.		
Kaderali, F., and Weston, J. D., Digital Subscriber Loops	1	71
Kaderali, F., and Murray, J. A., Digital Local Area Field Trials	1	87

	Number	Page
Kaderali, F., Slatter, R. C., Walsh, W. A. G., and Schmidt, P., Customer Access to Integrated Services Digital Networks	1	31
Kao, C. K., Optical Fiber Technology: History and Future	4	325
Kao, C. K., <i>see</i> Dupieux, J.		
Katzschner, L., and Van den Brande, F., ITT1240 Digital Exchange: Software Concepts and Implementation .	2/3	173
Kirkby, P. A., <i>see</i> Davies, I. G. A.		
Langenbach-Belz, M., Melis, A., and Verhille, H., ITT1240 Digital Exchange: An Introduction	2/3	114
Lawrence, A., <i>see</i> Cotton, J. M.		
Leach, J. S., <i>see</i> Archer, J. D.		
Leyssens, F., Schiemann, H., and Van Laere, L., ITT1240 Digital Exchange: Equipment Practice	2/3	283
Malec, H. A., <i>see</i> Dutt, J.		
Meinck, M., <i>see</i> Cornu, J.		
Melis, A., <i>see</i> Langenbach-Belz, M.		
Montalti, F., Valli, M., and Vannucci, R., Optical Fiber Technology: Analysis of Tapered Graded Index Fibers	4	431
Muiño-Kielman, O., <i>see</i> Clarke, L. H. J.		
Murison, R. F., <i>see</i> Davies, I. G. A.		
Murray, J. A., <i>see</i> Kaderali, F.		
Muska, W., <i>see</i> Antell, G.		
Newey, J. H., <i>see</i> Denenberg, C. G.		
Neufeldt, H., <i>see</i> Bertoli, E.		
Norz, A., <i>see</i> Ebhardt, C.		
Ohnsorge, H., <i>see</i> Dupieux, J.		
Pahud, P., and Perga, A. L., ITT1240 Digital Exchange: Manufacture and Installation	2/3	293
Perga, A. L., <i>see</i> Pahud, P.		
Perrett, B. A., Optical Fiber Technology: Preform Manufacture	4	364
Quilez Sanchez, V., <i>see</i> Aguilar Morales, A.		
Radley, P., <i>see</i> Dupieux, J.		
Rahmig, G., <i>see</i> Gasser, L.		
Rhomberg, B., Optical Fiber Technology: Optical Video Transmission System	4	407
Robin, G., and Treves, S. R., An Introduction to Integrated Services Digital Networks	1	4
Rossi, B., <i>see</i> Haerens, F.		
Rous, R. F., and Weston, J. D., Subscriber Cable Performance Evaluation	1	80
Rozenbergs, J., <i>see</i> Antell, G.		
Schiemann, H., <i>see</i> Leyssens, F.		
Schmidt, K. H., Optical Fiber Technology: Impact on the Telecommunication Network	4	371
Schmidt, P., <i>see</i> Kaderali, F.		
Slatter, R. C., <i>see</i> Kaderali, F.		
Serrano Hernandez, J., <i>see</i> Carter, C. R.		
Smith, E. A., Walsh, W. A. G., and Willson, M. J., Impact of Non-Voice Services on Network Evolution	1	17
Smouts, M., <i>see</i> Bertoli, E.		
Sothcott, P., Optical Fiber Technology: Special Applications	4	423
Strasser, H., <i>see</i> Delit, R.		
Strunk, K., <i>see</i> Das, S.		
Széchényi, K., <i>see</i> Gasser, L.		
Tilly, J. F., <i>see</i> Gayler, J. E.		
Tolusso, G., and Treves, S. R., Application of Distributed Control to Handling Non-Voice Services	1	44
Treves, S. R., <i>see</i> Robin, G., and Tolusso, G.		
Upp, D. C., <i>see</i> Cotton, J. M.		
Van Brussel, M., <i>see</i> Campos Flores, A.		
Van den Brande, F., <i>see</i> Katzschner, L.		
Van Laere, L., <i>see</i> Leyssens, F.		
Valli, M., <i>see</i> Montalti, F.		
Vannucci, R., <i>see</i> Montalti, F.		
Van Walle, J., <i>see</i> Delit, R.		
Verhille, H., <i>see</i> Langenbach-Belz, M.		
Verstraete, F., <i>see</i> Das, S.		
Walsh, W. A. G., <i>see</i> Carter, C. R., <i>also</i> Kaderali, F., and Smith, E. A.		
Weston, J. D., <i>see</i> Kaderali, F., and Rous, R. F.		
Willson, M. J., <i>see</i> Smith, E. A.		
Winterbotham, H. J., <i>see</i> Cramer, B.		
Würth, W., <i>see</i> Delit, R.		