## Errata

## Erratum to "A Genetic Algorithm-Based Methodology for Optimizing Multiservice Convergence in a Metro WDM Network"

Hyo-Sik Yang, Martin Maier, Martin Reisslein, and W. Matthew Carlyle

In the above paper [1], a few errors were published, which are now corrected. First, Tables II and III were incorrect, and the correct tables are given here.
Second, the caption of Fig. 7 was incorrect. The correct Fig. 7 with caption is provided.
Third, the URL in [39] was incorrect. The correct URL is http://www.fulton.asu.edu/~mre
Last, the author biographies and photographs were inadvertently omitted. They are now provided.

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H.-S. Yang is with the Department of Electrical Engineering, Arizona State University, Tempe, AZ 85287-7206 USA (e-mail: yangkoon@asu.edu).
M. Maier is with the Centre Tecnològic de Telecomunicaciones de Catalunya (CTTC), Barcelona Spain (e-mail: maier@ee.tu-berlin.de).
M. Reisslein is with the Department of Electrical Engineering, Arizona State University, Tempe, AZ 85287-5706 USA (e-mail: reisslein@ asu.edu).
W. M. Carlyle was with the Department of Industrial Engineering, Arizona State University, Tempe, AZ 85287-7206 USA. He is now with the Operations Research Department, Naval Postgraduate School, Monterey, CA 93943 USA (e-mail: mcarlyle@nps.navy.mil).

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Fig. 7. Efficient frontiers obtained with different fitness functions with elitism for $F \leq 400$ and with exhaustive search for $F \leq 200$.

## REFERENCES

[1] H. S. Yang, M. Maier, M. Reisslein, and W. M. Carlyle, "A genetic algo-rithm-based methodology for optimizing multiservice convergence in a metro WDM network," J. Lightwave Technol., vol. 21, pp. 1114-1133, May 2003.

TABLE II
Number of Pareto-Optimal Solutions in Final Population for Genetic Agorithm-Based Search with $F \leq 400$; Exhaustive Search for $F \leq 200$ Gives 580 Pareto-Optimal Solutions

| VEGA | WBGA | RWGA | VEGA with Elitism | WBGA with Elitism | RWGA with Elitism |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 15 | 23 | 13 | 55 | 82 | 115 |

TABLE III
Number of Pareto-Optimal Solutions With $D=2,4$, and 8

|  | $\sigma=0.1$ |  |  | $\sigma=0.3$ |  |  | $\sigma=0.6$ |  |  | $\sigma=0.8$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $q$ | 0.1 | 0.5 | 0.9 | 0.1 | 0.5 | 0.9 | 0.1 | 0.5 | 0.9 | 0.1 | 0.5 | 0.9 |
| $D=2$ | 148 | 132 | 133 | 108 | 84 | 158 | 31 | 102 | 121 | 23 | 105 | 135 |
| $D=4$ | 0 | 1 | 8 | 2 | 65 | 4 | 86 | 46 | 5 | 102 | 46 | 3 |
| $D=8$ | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 4 | 1 | 0 | 4 | 1 |
| Total | 148 | 133 | 141 | 110 | 151 | 164 | 118 | 152 | 127 | 125 | 155 | 139 |



Hyo-Sik Yang received the B.S. degree in information and communication engineering from Myongji University, Yongin, Korea, in 1998 and the M.S. degree in electrical engineering from Arizona State University, Tempe, in 2000. He is currently working toward the Ph.D. degree in electrical engineering at Arizona State University.

His research interests are wavelength-divi-sion-multiplexing (WDM) all-optical networks, WDM packet switching, and WDM metropolitan area networks, including node architecture, optimization, MAC protocol, and traffic analysis.


Martin Maier (SM'03) received the Dipl.-Ing. and the Dr.-Ing. degrees (both with distinctions) in electrical engineering from the Technical University of Berlin, Berlin, Germany, in 1998 and 2003, respectively.

He was a Visiting Researcher at the University of Southern California, Los Angeles; Arizona State University, Tempe; and the Massachusetts Institute of Technology (MIT), Cambridge. He also participates in the national research project TransiNet. He is author of the book Metropolitan Area WDM Networks-An AWG Based Approach (Cambridge, MA: Kluwer, 2003). His research interests include network and node architectures, routing and switching paradigms, protection, multicasting, and the design, performance evaluation, and optimization of MAC protocols for optical wavelength-divi-sion-multiplexing (WDM) networks, with particular focus on metro networks.
Dr. Maier was a recipient of the two-year Deutsche Telekom doctoral scholarship from June 1999 through May 2001. He was also a corecipient of the Best Paper Award presented at the International Society for Optical Engineers (SPIE) Photonics East 2000—Terabit Optical Networking Conference.


Martin Reisslein (A'96-S'97-M'98) received the Dipl.-Ing. (FH) degree in electrical engineering from the Fachhochschule Dieburg, Germany, in 1994, the M.S.E. degree in electrical engineering from the University of Pennsylvania, Philadelphia, in 1996, and the Ph.D. degree in systems engineering from the University of Pennsylvania in 1998.

During the academic year 1994-1995, he visited the University of Pennsylvania as a Fulbright Scholar. From July 1998 through October 2000, he was a Scientist with the German National Research Center for Information Technology (GMD FOKUS), Berlin. While in Berlin, he was teaching courses on performance evaluation and computer networking at the Technical University Berlin. Presently, he is an Assistant Professor in the Department of Electrical Engineering, Arizona State University, Tempe. He maintains an extensive library of video traces for network performance evaluation, including frame-size traces of MPEG-4 and H. 263 encoded video at http://trace.eas.asu.edu. His research interests are in the areas of Internet Quality of Service, video traffic characterization, wireless networking, and optical networking.

Dr. Reisslein was corecipient of the Best Paper Award of the International Society for Optical Engineers (SPIE) Photonics East 2000-Terabit Optical Networking Conference. He has served on the Technical Program Committees of IEEE INFOCOM and IEEE GLOBECOM, and he is Editor-in-Chief of the IEEE Communications Surveys and Tutorials.
W. Matthew Carlyle received the B.S. degree in information and computer science from the Georgia Institute of Technology, Atlanta, in 1992 and the Ph.D. degree in operations research from Stanford University, Stanford, CA, in 1997.

From 1997 to 2002, he was an Assistant Professor in the Department of Industrial Engineering at Arizona State University, Tempe. He is currently an Associate Professor in the Operations Research Department at the Naval Postgraduate School, Monterey, CA.

