## Articles

### Intelligent E-Business
- "Intelligent E-Business: From Technology to Value" (Guest Editor’s Introduction), Hans Akkermans, no. 4, July/Aug., pp. 8–10.

### Intelligent Environments

### Intelligent Systems in Biology
- "Diagnosis Systems in Medicine with Reusable Knowledge Components," Maria Taboada, Julio Des, José Mira, and Roque Marín, no. 6, Nov./Dec., pp. 64–73.
- "Intelligent Systems in Biology: Why the Excitement?" (Guest Editor’s Introduction), Richard Lathrop, no. 6, Nov./Dec., pp. 8–13.

### Knowledge Management
- "Better Knowledge Management through Knowledge Engineering," Alun Preece, Alan Flett, Derek Sleeman, David Curty, Nigel Meaney, and Phil Perry, no. 1, Jan./Feb., pp. 36–43.
- "Facilitating the Legislation Process Using a Shared Conceptual Model," Tom M. van Engers and Erwin Glassée, no. 1, Jan./Feb., pp. 50–58.
- "Knowledge Management: An Interdisciplinary Approach" (Guest Editors’ Introduction), Daniel E. O’Leary and Rudi Studer, no. 1, Jan./Feb., pp. 24–25.

### Planning

### The Semantic Web
- "Ontology-Based Photo Annotation," A.Th. (Guus) Schreiber, Barbara Dubbeldam, Jan Wielemaker, and Bob Wieilinga, no. 3, May/June, pp. 66–74.
- "Ontology Learning for the Semantic..."
Web,” Alexander Maedche and Steffen Staab, no. 2, Mar./Apr., pp. 72–79.
“The Semantic Web: A Brain for Human-kind” (Guest Editors’ Introduction), Dieter Fensel and Mark A. Musen, no. 2, Mar./Apr., pp. 24–25.
“Semantic Web Services,” Sheila A. McIlraith, Tran Cao Son, and Honglei Zeng, no. 2, Mar./Apr., pp. 46–53.

Semisentient Robots

Wearable AI
“Wearable Computing: Toward Humanistic Intelligence” (Guest Editor’s Introduction), Steve Mann, no. 3, May/June, pp. 10–15.

Applications
Computer Vision
Robotic
“NASA’s JPL Nanorover Outposts Project Develops Colony of Solar-Powered Nanrovers,” Keri Schreiner, no. 2, Mar./Apr., pp. 80–82.

Book Review
The Age of Spiritual Machines, reviewed by Erol Sahin, no. 3, May/June, pp. 80–81.

Expert Opinion

From the Editor in Chief
“Switching On to the Grid,” Nigel Shadbolt, no. 4, July/Aug., pp. 2–3.

Histories & Futures

Human-Centered Computing

Intelligencer

Internet Services
“Application Service Providers: Challenges and Opportunities,” Giovanni Flammini, no. 1, Jan./Feb., pp. 22–23.
“Peer-to-Peer Is Not for Everyone,” Giovanni Flammini, no. 3, May/June, pp. 78–79.

Perspectives

Trends & Controversies
“Challenges in Information Extraction from Text for Knowledge Management,” Fabio Ciravegna, no. 6, Nov./Dec., pp. 88–90.

“Human Language Technologies for Knowledge Management,” Steffen Staab, no. 6, Nov./Dec., p. 84.
“Ontology Associations,” Ellen Schulten, no. 1, Jan./Feb., pp. 10–12.
“Semisentience Doesn’t Mean Being a Team Member,” Robin Murphy, no. 5, Sept./Oct., p. 67.

Tutorial

Authors
Adams, William, see Perzanowski, Dennis.
Akama, Kiyoshi, see Wuwongse, Vilas.
Akkermans, Hans, “Intelligent E-Business: From Technology to Value” (Guest Editor’s Introduction), no. 4, July/Aug., pp. 8–10.
Also see Gordijn, Jaap.
Al-Akharas, Khaled, see Silverman, Barry G.
Andersson, Arne, see Carlson, Per.
Anutariya, Chutiporn, see Wuwongse, Vilas.
Arbuckle, Tom, see Beetz, Michael.
Asano, Futoshi, see Asoh, Hideki.
Atalay, Volkao, see Özer, Ömer Faruk.
Attwood, Teresa, see Reich, Jacqueline.
Audet, Jonathan, see Michaud, François.

Bachann, Mintu, see Silverman, Barry G.
“You Can’t Hide Your Lying Eyes,” no. 2, Mar./Apr., p. 8.
Beck, Jim, see Anhalt, Joshua.
Belker, Thorsten, see Beetz, Michael.
Bennewitz, Maren, see Beetz, Michael.

Bos, Johan, see Lauria, Stanislas.
Botquin, Guy, see Fensel, Dieter.
Brown, Mike, see Fensel, Dieter.
Ceron, Serge, see Michaud, François.
Cetin, A. Enis, see Ozör, Ömer Faruk.
Chabalier, Julie, see Capponi, Cécile.
Charlou, Liu, see Lin, Fu-ren.
Chen, Steve, see Knight, Russell.
Ciravegna, Fabio, “Challenges in Information Extraction from Text for Knowledge Management,” no. 6, Nov./Dec., pp. 88–90.
Collins, Robert J., see Jurisica, Igor.
Connell, Jonathan H., see Lopes, Luís Seabra.
Cremers, Armin B., see Beetz, Michael.
Crowley, James L., see Le Gal, Christophe.
Crubézy, Monica, see Noy, Natalya F.

Curry, David, see Preece, Alun.
Dailey, Daniel J., see Maclean, Stuart D.
Decker, Stefan, see Noy, Natalya F.
Des, Julio, see Taboada, Maria.
DeTitta, George T., see Jurisica, Igor.
Ding, Ying, see Fensel, Dieter.
Dubbedam, Barbara, see Schreiber, A.Th. (Guus).
Engelhardt, Barbara, see Knight, Russell.

Ferguson, Ray W., see Noy, Natalya F.
“Look Ma, No Hands!” no. 1, Jan./Feb., pp. 5–7.
Fichant, Gwennaele, see Capponi, Cécile.
“Peer-to-Peer Is Not for Everyone,” no. 3, May/June, pp. 78–79.
Flett, Alan, see Fensel, Dieter, and Preece, Alun.
Ford, Kenneth M., see Hoffman, Robert R.
Fox, Dieter, see Beetz, Michael.
Gumperle, Francine, see Anhalt, Joshua.
Giles, C. Lee, see Sun, Ron.
Glasgow, Janice I., see Jurisica, Igor.
Glassée, Erwin, see van Engers, Tom M.
Goble, Carole, see Reich, Jacqueline.
Goedijn, Jaap, and Hans Akkermans, “Design-


Lengauer, Thomas, see Beerenwinkel, Niko.

Léonard, Dominic, see Michaud, François.


Lim, Ee Peng, see Ng, Wee Keong.


Luff, Joseph R., see Jurisica, Igor.

Lussier, Luke, see Michaud, François.

Lux, Augustin, see Le Gal, Christophe.


Mann, Steve, “Weareable Computing: Toward Humanistic Intelligence” (Guest Editor’s Introduction), no. 6, Nov./Dec., pp. 8–13.

Kaiser, Rolf, see Beerenwinkel, Niko.

Klein, Ewan, see Lauria, Stanislao.


Korn, Klaus, see Beerenwinkel, Niko.


Kröse, Ben, see Asoh, Hideki.

Kurita, Takio, see Asoh, Hideki.

Kyriacou, Theocharis, see Lauria, Stanislao.


Lengauer, Thomas, see Beerenwinkel, Niko.

Léonard, Dominic, see Michaud, François.


Lim, Ee Peng, see Ng, Wee Keong.


Luff, Joseph R., see Jurisica, Igor.

Lussier, Luke, see Michaud, François.

Lux, Augustin, see Le Gal, Christophe.


Mann, Steve, “Weareable Computing: Toward Humanistic Intelligence” (Guest Editor’s Introduction), no. 6, Nov./Dec., pp. 8–13.

Kaiser, Rolf, see Beerenwinkel, Niko.

Klein, Ewan, see Lauria, Stanislao.


Korn, Klaus, see Beerenwinkel, Niko.


Kröse, Ben, see Asoh, Hideki.

Kurita, Takio, see Asoh, Hideki.

Kyriacou, Theocharis, see Lauria, Stanislao.


Lengauer, Thomas, see Beerenwinkel, Niko.

Léonard, Dominic, see Michaud, François.


Lim, Ee Peng, see Ng, Wee Keong.


Luff, Joseph R., see Jurisica, Igor.

Lussier, Luke, see Michaud, François.

Lux, Augustin, see Le Gal, Christophe.


Mann, Steve, “Weareable Computing: Toward Humanistic Intelligence” (Guest Editor’s Introduction), no. 6, Nov./Dec., pp. 8–13.

Kaiser, Rolf, see Beerenwinkel, Niko.

Klein, Ewan, see Lauria, Stanislao.


Korn, Klaus, see Beerenwinkel, Niko.


Kröse, Ben, see Asoh, Hideki.

Kurita, Takio, see Asoh, Hideki.

Kyriacou, Theocharis, see Lauria, Stanislao.


“Thanks for the Renaissance!” no. 2, Mar./Apr., pp. 2–3.


Omelayenko, Borys, see Fensel, Dieter.

Park, Jong C., see Ha, Sung Ho.

Park, Jong C., and Rudi Studer, “Knowledge Management: An Interdisciplinary Approach” (Guest Editors’ Introduction), no. 1, Jan./Feb., pp. 24–25.

Özün, Oguz, see Özer, Ömer Faruk.

Özün, Oguz, C. Öncel Tüzel, Özer, Ömer Faruk, see Özer, Ömer Faruk.

Oguz Özün, C. Öncel Tüzel, Özer, Ömer Faruk, see Özer, Ömer Faruk.

Omelayenko, Borys, see Fensel, Dieter.

Park, Sang Chan, see Ha, Sung Ho.

Patel-Schneider, Peter F., see Fensel, Dieter.

Perry, Phil, see Preece, Alun.


Preece, Alun, Alan Flett, Derek Sleeman, David Curry, Nigel Meany, and Phil Perry, “Better Knowledge Management through Knowledge Engineering,” no. 1, Jan./Feb., pp. 36–43.

Quentin, Yves, see Capponi, Cécile.

Rabideau, Gregg, see Knight, Russell.

Ranganathan, Shoba, see Miyano, Satoru.


Robinson, John, see Cheng, Li-Te.

Rogers, Patrick, see Jurisica, Igor.


Sahin, Erol, review of The Age of Spiritual Machines, no. 3, May/June, pp. 80–81.

Salber, Daniel, see Anhalt, Joshua.

Schmidt, Barbara, see Beerwinkel, Niko.


“Retail Robots on the Move,” no. 2, Mar./Apr., pp. 4–6.


Also see Fensel, Dieter.

Schultz, Alan C., see Perzanowski, Dennis.

Schulz, Dirk, see Beetz, Michael.

Selbig, Joachim, see Beerwinkel, Niko.


“Switching On to the Grid,” no. 4, July/Aug., pp. 2–3.

Sherwood, Rob P., see Knight, Russell.

Siewiorek, Daniel P., see Anhalt, Joshua.


Sintek, Michael, see Noy, Natalya F.

Sleeman, Derek, see Preece, Alun.

Smalagic, Asim, see Anhalt, Joshua.

Smith, Temple E., see Bienkowski, Jadwiga.

Son, Tran Cao, see McIlraith, Sheila A.

Staab, Steffen, “Human Language Technologies for Knowledge Management,” no. 6, Nov./Dec., p. 84.

Staab, Steffen, Rudi Studer, Hans-Peter Schnurr, and York Sure, “Knowledge Processes and Ontologies,” no. 1, Jan./Feb., pp. 26–34.

Staab, Steffen, see Maedche, Alexander.


Stein, Cathryne, see Miller, David P.

Stockton, Robert, see Sukthankar, Rahul.


Studer, Rudi, see O’Leary, Daniel E., and Staab, Steffen.


Sure, York, see Staab, Steffen.

Taboada, Maria, Julio Des, José Mira, and Roque Marin, “Diagnosis Systems in Medicine with Reusable Knowledge Components,” no. 6, Nov./Dec., pp. 68–73.

Théberge-Turmel, Catherine, see Michaud, François.

Tüzel, C. Öncel, see Özer, Ömer Faruk.


van Harmelen, Frank, see Fensel, Dieter.


Vlassis, Nikos, see Asoh, Hideki.


Walter, Hauke, see Beerwinkel, Niko.

Weber, Sam, see Anhalt, Joshua.

Wielemaker, Jan, see Schreiber, A. Th. (Guus).

Wielinga, Bob, see Schreiber, A. Th. (Guus).

Wolffley, Jennifer R., see Jurisica, Igor.


Yan, Guanghao, see Ng, Wee Keong.

Ygge, Fredrik, see Carlsson, Per.

Zeng, Honglei, see McIlraith, Sheila A.