2005

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Books

1. Chaudhuri, Subhasis and Joshi, M V. *Motion-free Super-Resolution.* New York: Springer, 2005.

Chapters in Book

1. Pandya, Vishvajit. "Human space and spirit time," in *Between the Earth and the Sky.* Savyasaachi Ed. New Delhi: Penguin Books, 2005, pp. 101-115.

2. Pandya, Vishvajit. "Deforesting among Andamanese children: Political economy and history of schooling," in *Hunter Gatherer Childhoods: Evolutionary, Developmental & Cultural Perspectives.* Hewlett B.S. and Lamb M.E., Eds. New Brunswick: Aldine Transaction, 2005, pp 385-406.

3. Pandya, Vishvajit. "Forest smells and spider webs: Ritualized dream interpretation and power of memory among Andaman islanders," in *Contemporary Society Tribal Studies Tribal Situation in India. v*ol. 6, Behere and Pfeffer, Eds. 2005, pp. 115-135*.*

4. Visvanathan, Shiv and Parmar, Chandrika. "Life, life world, and life chances: vulnerability and survival in Indian constitutional law," in *Law and Globalization from Below*. Boaventura De Sousa Santos and Cesar A. Rodriguez-Garavito Ed. Cambridge: Cambridge University Press. 2005, pp. 339-362.

Journal Papers

1. Bhatt, Amit; Sachdeva, Charu; Desai, Meghana; Chaudhary, Niket; Chousksey, Siddarth; Bansal, Yogesh; Ahmed, Taukheer and Abbasi, Taher. "32 bit RISC pipelined processor," *ICON Cadence India Newsletter,* Feb., 2005.

2. Joshi, M V. and Chaudhuri, Subhasis. "Joint blind restoration and surface recovery in photometric stereo," *Journal of Optical Society of America-A,* vol. 22, no. 6, pp. 1066-1076, 2005.

3. Joshi, M V.; Chaudhuri, Subhasis and Panuganti, Rajkiran. "A Learning-based method for image super-resolution from zoomed observations," *IEEE Transactions Systems, Man and Cybernetics Part B*, vol. 35, no. 3, pp. 527-537, 2005.

4. Kapoor, Kalpesh and Bowen, Jonathan P. "A formal analysis of MCDC and RCDC test criteria," *Journal of Software Testing, Verification and Reliability*, vol. 15, no. 1, pp. 21-40, Mar. 2005.

5. Mitra, Suman K.; Lee, Te-Won and Goldbaum, Michael. "A bayesian network based sequential inference for diagnosis of diseases from retinal images," *Pattern Recognition Letters*, vol. 26, pp. 459-470, 2005.

6. Pandya, Vishvajit. "Do not resist, show me your body!: Encounters between the Jarwas of the Andamans and medicine (1858–2004)," *Anthropology and Medicine,* vol. 12, no.03, pp 211-223, Dec. 2005.

7. Pandya, Vishvajit. "When land became water: Tsunami and the Ongees of little Andaman islands," *Anthropology Newsletter*, vol. 46, no. 03, Mar. 2005*.*

8. Hofmeister, C.; Nord, R. L. and Soni, Dilip. "Global analysis: moving from software requirements specification to structural views of the software architecture," *IEE Proceedings- Software*, vol. 152, no. 04, pp. 187-197, Aug. 2005.

9. Suhrud, Tridip. "Dandi march and Gandhi's politics," *Economic and Political Weekly*, vol. 40, no. 15, p. 1491-1492, Apr. 9, 2005.

Conference Papers

1. Banerjee, Asim; Mitra, Suman K.; Roy, Anil K. and Pulipati, Suryanarayana. "Recognition of car license plate using morphology," presented at Indian International Conference on Artificial Intelligence, Pune, 2005.

2. Banerjee, Asim; Mitra, Suman K.; Roy, Anil K. and Pulipati, Suryanarayana. "A morphology based method for car license plate detection," presented at the GSPx 2005: Pervasive Signal Processing, Santa Clara, 2005.

3. Shah, Dhaval; Patel, Dhawal and Chaudhary, Sanjay. "Grid based vehicle locating system," in *5th International Workshop Innovative Internet Community System (IICS 2005)*, [LNCS, vol. 3908], Paris, France, Jun. 20-22, 2005, pp. 53-67.

4. Mishra, Mayank and Chaudhary, Sanjay. "Design and implementation of an architecture supporting mobile CORBA servants under intermittent connectivity environment," *IEEE Wireless Communications and Networking Conference*, vol. 04, pp. 2418-2423, Mar., 2005.

5. Garg, Nitin and Chaudhary, Sanjay. "Performance evaluation of data object in J2ee architecture," presented at the CSI 2005 - 40th Annual National Convention of Computer Society of India, Hyderabad.

6. Sorathia Vikram; Laliwala Zakir and Chaudhary, Sanjay. "Towards agricultural marketing reforms: web services orchestration approach," in *IEEE International Conference on Services Computing* (SCC 2005), 2005, vol. 1, pp. 260-267.

7. Devy, Ganesh. "The Inscrutable Gujarati," *The Times of India,* pp. 27, Aug. 21, 2005.

8. Dubey, Rahul; Agarwal, Pramod and Vasantha, M. K. "AC drive system on chip- A peripheral based approach," in *Twentieth Annual IEEE Applied Power Electronics Conference and Exposition*, 2005. APEC 2005, vol. 3, pp. 1877-1882.

9. Dubey, Rahul; Agarwal, Pramod and Vasantha, M. K. "Design of DC drive peripheral IP for system-on-chip applications," in *Proceedings of International Conference on Emerging Technologies in Intelligent System and Control*, 2005, pp.627-632.

10. Gupta, Sanjeev. "A novel approach to the design and implementation of 3-Db lange coupler for Mmic Ka-Band Qpsk modulator," presented at the XXVIIIth General Assembly of International Union of Radio Science, New Delhi, Oct., 2005.

11. Jain, Alok and Jadhav, Ashish. "Performance of VBLAST and cooperative diversity in a correlated rayleigh fading environment distributed sensor networks," presented at the Conference on Wireless Communication and Sensor Networks*, Allahabad*, Mar., 2005.

12. Jotwani, Naresh. "Cost-benefit analysis of providing rural knowledge connectivity," in *Proceedings of the 93rd Indian Science Congress*, Hyderabad, 2005, pp.1-6.

13. Jotwani, Naresh. "Hierarchical online mining for associative rules," in *Proceedings of the Twelfth International Conference on Management of Data: COMAD2005b*, Hyderabad, 2005.

14. Modi, Bhavesh; Jotwani, Naresh and Maitra, Anutosh. "Refinements to minimum interference routing for traffic engineering", in *Proceedings of IEEE Indicon 2005*, Chennai.

15. Kapoor, Hemangee K. "Controllable delay-insensitive processes and their reflection, interaction and factorisation," in *Proceedings of the 5th International Conference on Application of Concurrency to System Design* (*ACSD*), 2005, pp. 58-67.

16. Trivedi, Jigish; Maitra, Anutosh and Mitra, Suman K. "A hybrid approach to speaker recognition in multi-speaker environment," in *Proceedings of First International Conference on Pattern Recognition and Machine Intelligence, (PReMI'05),* [LNCS*, vol. 3776], Kolkata, Dec., 18-22, 2005, pp. 272-275.

17. Mathuria, Anish; Choo, K. and Boyd, C. "Secure key agreement protocols efficient in messages and rounds," presented at the *INDOCRYPT 2005-6th International Conference on Cryptology, Bangalore*, 2005.

18. Mathuria, Anish and Jain Vipul. (2005, Mar 28). "On efficient key agreement protocols," *Cryptology ePrint archive* [online]. Report 2005/064, pp.1-10. Available: http://eprint.iacr.org/2005/064.pdf

19. Bhandari, Kunal; Mitra, Suman K. and Jadhav, Ashish. "A hybrid approach to digital image watermarking using SVD and spread spectrum," in *Proceedings of First International Conference on Pattern Recognition and Machine Intelligence, (PReMI'05),* [LNCS*,* vol. 3776], Kolkata, Dec., 18-22, 2005, pp. 447-452.

20. Mitra, Suman K., "Color transfer using motion estimations and its application to video compression," in Proceedings of 11th International Conference on Computer Analysis of Images and Patterns (CAIP2005), [LNCS, vol. 3961], Versailles, France, Sep. 5-8, 2005, pp. 313-320.

21. Pulipati, Suryanarayana; Mitra, Suman K.; Banerjee, Asim and Roy, Anil K. "A morphology based approach for car license plate extraction," in *IEEE INDICON 2005*, Chennai, 2005, pp. 24-27.

22. Athale, Suprita S.; Mitra, Suman K. and Banerjee, Asim. "A fractal based approach for face recognition," in *Proceedings of IEEE International Conference on Intelligent Sensing and Information Processing*, Chennai, 2005, pp. 170-174.

23. Rastogi, Manu and Nagchoudhuri, Dipankar and Parikh, Chetan. "Quadratic phase coupling in ECG signals," in Proceedings of *Asian Conference Sensors and the International Conference on new Techniques in Pharmaceutical and Biomedical Research,* 2005, Kualalampur, Sep. 2005, pp. 74-77.

24. Pandya, Abhinaya and Bhattacharya, Pushpak. "Text similarity measurement using concept representation of texts," in *Proceedings of First International Conference on Pattern Recognition and Machine Intelligence, (PReMI'05),* [LNCS*,* vol. 3776], Kolkata, Dec., 18-22, 2005, pp. 678 - 683.

25. Khera, Neha; Roy, Anil K. and Parikh, Chetan. "Low power, high bit rate CMOS driver for VCSEL used in free space optical interconnect," in *Proceedings of IEEE/LEOS Summer Topical Conference,* San Diego, 2005, pp. 53-54.

26. Roy, Anil K. and Gupta, Dharmendra. "Approximate blocking probability computation for static routing in DWDM mesh networks with limited wavelength conversion," in *Proceedings of International Conference on OptoElectronics and Communications*, Korea, 2005*.*

27. Sarkar, Aditi Nath and Mackay, Christine. "Kalighat pats: An examination of techniques and materials," in *Scientific Research on the Pictorial Arts of Asia*, *Proceedings of the Second Forbes Symposium at the Freer gallery of Art*, London, 2005, pp. 135-142.

28. Shukla, Narendra K.; Sengupta S. and Chakraborty, M. "Intermediate view synthesis in wide-baseline stereoscopic video for immersive telepresence," in *Proceedings of EWIMT2005* (Now renamed as International Conference on Semantic and Digital Media Technologies), London, 2005, pp. 83-88.

News Paper/Magazine Articles

1. Suhrud, Tridip. "Su Narendra Modi Gujarat mate khatarnak che?," *Divaya Bhaskar,* Dec. 15, 2005.

2. Suhrud, Tridip. "Reading Gandhi in two tongues," *Gandhi Marg,* vol. 27, no.02, pp. 201-215, July-Sept. 2005.

3. Suhrud, Tridip. "Avati kaal nu Gujarati samayik," *Parab*, Feb. 2005.

4. Reddy, Gangadhar S. and Vijay Kumar, C. "Enhancing data efficiency in IEEE-802.11a using frequency and time domain equalization," in *Proceedings of IEEE Region 10, TENCON 2005*, Melbourne, Australia, Nov. 21-24, 2005, pp. 1351-1355.

5. Visvanathan, Shiv. "Growth pangs," *Economics Times, Ahmedabad,* p. 26, Sep. 28, 2005.

6. Visvanathan, Shiv. "Is valentine's day part of globalization?," *Economic Times*, *Ahmedabad,* p. 4, Feb. 14, 2005.

7. Visvanathan, Shiv. "Desire and the street car," *Economic Times*, *Ahmedabad,* Jan. 26, 2005.

8. Visvanathan, Shiv. "The gender divide," *India Today*, vol. 30, no. 38, pp 76-78, Sep. 2005.

9. Visvanathan, Shiv. "Should MPLADS be abolished?: Yes. Offering Rs.1 crore like bride price to every legislator is ridiculous," *The Times of India, Ahmedabad,* p. 13, Dec 25, 2005*.*

10. Visvanathan, Shiv. "Celebrating Peter Drucker," *The Times of India*, *Ahmedabad,* p. 12, Nov. 26, 2005.

11. Visvanathan, Shiv. "Bangalore *Vs* bangalore: Gowda and Murthy, or a clash between paradigms," *The Times of India, Ahmedabad,* p. 28, Nov. 02, 2005.

12. Visvanathan, Shiv. "The new consensus in India: Globalisation has homogenized political, intellectual spacs," *The Times of India*, *Ahmedabad,* p. 34, Oct. 5, 2005.

13. Visvanathan, Shiv. "Is the anti-hero still bankable in bollywood?," *The Times of India*, *Ahmedabad,* p. 12, Jan. 16, 2005.