

Ashish Das

Born September 01, 1962, New Delhi, India. Citizen of India.

Education

Ph.D. (1989) and M.Sc. (1986) in Statistics; both from the Indian Agricultural Research Institute.

B.Sc. (1984) Honours in Mathematical Statistics; from the University of Delhi.

Professional Appointments

1. Professor: Department of Mathematics, Indian Institute of Technology Bombay, Mumbai. Since July 2007.
2. Professor: Division of Theoretical Statistics and Mathematics, Indian Statistical Institute, New Delhi. June 2003 - July 2007.
3. Visiting Professor: Department of Statistics, The University of Akron, Akron, OH, U.S.A. August-December 2009.
4. Visiting Professor: Institute of Statistical Science, Academia Sinica, Taipei, Taiwan, ROC. May 2009.
5. Visiting Professor: The University of Hong Kong, Hong Kong SAR, China. April 2009.
6. Visiting Professor: The University of Hong Kong, Hong Kong SAR, China. April-May 2008.
7. Visiting Professor: Department of Statistics, The University of Akron, Akron, OH, U.S.A. January-May 2007.
8. Visiting Professor: The University of Hong Kong, Hong Kong SAR, China. December 2005 - January 2006.
9. Visiting Professor: Institute of Statistical Science, Academia Sinica, Taipei, Taiwan, ROC. November-December 2005.
10. Visiting Professor: Department of Statistics, The University of Akron, Akron, OH, U.S.A. January-June 2005.
11. Visiting Professor: Institute of Statistical Science, Academia Sinica, Taipei, Taiwan, ROC. April-May 2001.
12. Associate Professor: Division of Theoretical Statistics and Mathematics, Indian Statistical Institute, New Delhi. June 1997 - May 2003.
13. Visiting Assistant Professor: Department of Statistics, The Ohio State University, Columbus, OH, U.S.A. October 1994 - September 1996.
14. Assistant Professor: Division of Theoretical Statistics and Mathematics, Indian Statistical Institute, Calcutta. November 1992 - May 1997.
15. Visiting Professor: Department of Statistics and Actuarial Science, University of Waterloo, Waterloo, Canada. July 1992.

16. Research Associate: Division of Theoretical Statistics and Mathematics, Indian Statistical Institute, Calcutta. June 1991 - October 1992.
17. Visiting Scientist: Division of Theoretical Statistics and Mathematics, Indian Statistical Institute, Calcutta. June 1989 - May 1991.

Editorial and Reviewer Activities

Co-editor of the Special Issue of *Statist. and Applications* (2001), Vol 3.
Co-editor of the Special Issue of *Statist. and Applications New Series* (2008), Vol 6.
Organizing a Special Invited Session on the topic "Factorial Designs and Applications" at the International Indian Statistical Association Joint Meeting 2010.
Served as a referee for *Sankhya*, *Jour. Statist. Planning Infer.*, *Technometrics*, *Comput. Statist. Data Anal.*, *Commun. Statist. Theory Meth.*, *Statist. and Applications*, *Calcutta Statist. Assoc. Bull.*, *Jour. Indian Soc. Agric. Statist.*, *Statist. Probab. Letters*, *Ars Combinatoria*, and Reviewer for *Mathematical Reviews*.

Research Awards and Membership

Received the 5th M. R. Pai Memorial Award- 2009.
Received the Indian Science Congress Association Young Scientists' Award- 1989.
Secretary to Society of Statistics, Computer and Applications
Member of Indian Statistical Institute, Society of Statistics, Computer and Applications, Calcutta Statistical Association and Indian Society of Agricultural Statistics.

Research Interests

Optimal design of experiments, Fractional factorials and related combinatorics, Linear models, Supersaturated designs, retail issues in commercial banking and payment systems.

Research and Teaching

1. Engaged in active research on Design and Analysis of Experiments since 1987 and have brought out a number of papers as evinced by my list of publications.
2. Engaged in teaching statistics courses, since 1989, to the post-graduate and undergraduate students of the Indian Statistical Institute, the Ohio State University, the University of Akron and the IIT Bombay. Courses include:
Design and Analysis of Experiments, Sampling Techniques, Linear Algebra, Linear Models, Multivariate Analysis, Categorical Data Analysis, Regression Analysis, Time Series Analysis, Probability and Statistical Inference, Applied Statistics, Descriptive Statistics.
3. Involved in teaching large classes at the Ohio State University, the University of Akron and the IIT Bombay. Courses include:
Stat-427 Introduction to Prob. and Statist. for Engineering and the Science-I, Stat-428 Introduction to Prob. and Statist. for Engineering and the Science-II, Stat-135 Elementary Statistics, Stat-401 Prob. and Statist. for Engineers, Stat-260 Basic Statistics, IC-102 Data Analysis and Interpretation.
4. Ph.D. Thesis Supervisor of Dr. Himadri Ghosh from C.C.S. University, Meerut. Title of his thesis- "Investigations on Optimal Diallel Cross Experiments", 2003.

Research Citation By Other Authors

Research work cited in papers by other authors appeared in the following journals:

Biometrika, Discrete Math., Sankhya B, Statist. Probab. Letters, Commun. Statist. - Theory Math., Metrika, Util. Math., Statistica Sinica, Jour. Statist. Planning Infer.

Reference has been made to my work in the books “Theory of Optimal Designs” by K. R. Shah and B. K. Sinha (1989) Springer-Verlag, Germany, “Fractional Factorial Plans” by A. Dey and R. Mukerjee (1999) John Wiley, New York and “Block Designs: A Randomization Approach” by T. Calinski and S. Kageyama (2003) Springer-Verlag, Germany. A detailed citation list is attached at the end. The list provides citations of each of my papers by other authors. The list is primarily based on Google Scholar and Scopus. **The list indicates a total of more than 120 citations of my papers in other papers where I am not an author.**

Research Papers Presented as Speaker/Invited Speaker

1. “ $E(s^2)$ -optimal supersaturated designs” in the 12th Conference of the Society of Statistics, Computer and Applications held at Viswa Bharti University, Santiniketan, during February 24-26, 2010.
2. “Optimal supersaturated designs” in the DAE2009 Conference held at Department of Statistics, University of Missouri, Columbia, USA, during October 14-17, 2009.
3. “Checks on Cheques” in the 11th Conference of the Society of Statistics, Computer and Applications held at Madras University, Chennai, during February 24-26, 2009.
4. “On the lower bounds and construction of $E(s^2)$ -optimal supersaturated designs” in the Designed Experiments: Recent Advances in Methods and Applications (DEMA2008) held at Isaac Newton Institute for Mathematical Sciences, Cambridge, UK, during August 11-15, 2008.
5. “Some Statistics of Cheque Collections in India” in the 10th Conference of the Society of Statistics, Computer and Applications held at St. Thomas College, Pala (Cochi), Kerela, during November 16-18, 2007.
6. “Designs for Estimation of Heritability in Diallel Crosses” in the 55th Session of the International Statistical Institute held at Sydney, Australia, during April 5-12, 2005.
7. “Designs for Control-Test Diallel Cross Experiments” in the 54th Session of the International Statistical Institute held at Berlin, Germany, during August 13-20, 2003.
8. “A-Efficient Balanced Treatment Incomplete Block Designs” in the International Conference on Design of Experiments- Recent Trends and Future Directions held at Delhi University, New Delhi, during December, 2001.
9. “Optimal Diallel Cross Designs for Estimation of Heritability” in the International Conference on Recent Developments in Statistics and Probability and Their Applications held at India International Center, New Delhi, during December-January, 2000-01.
10. “Quasi-Orthogonal Arrays and Optimal Fractional Factorial Plans” in the First Midwest Conference for New Directions in Experimental Designs held at Columbus, Ohio, USA, during May 2000.
11. “On Optimality of Some Partial Diallel Cross Designs” in the International Conference on Recent Advanced in Statistics and Probability held at Indian Statistical Institute, Calcutta, during December-January, 1997-98 .

12. "Optimal Block Designs for Diallel Cross Experiments" in the 51-st Annual Conference of the Indian Society of Agricultural Statistics, Rajkot, during December, 1997.
13. "Optimal Generalized Binary Proper Efficiency-Balanced Designs" in the R. C. Bose Memorial Conference on Statistical Design and Related Combinatorics held at Colorado State University, Colorado, USA, during June 1995.
14. "Optimal Allocation of Observations Under Experimental Constraints : Resource Scarcity and External Force's Intervention" in the International Conference on Stochastic Modelling, New Delhi, during January 1994.
15. "On Generalized Binary Proper Efficiency-Balanced Block Designs" in the Statistics Section of the Indian Science Congress Association meet at Jaipur during January 1994.
16. "Binary Designs are Not Always the Best" in the First International Triennial Calcutta Symposium on Probability and Statistics, Calcutta during December 1991.
17. "On Some Series of Efficiency-Balanced Block and Row-Column Designs" in the Statistics Section of the Indian Science Congress Association meet at Indore during January 1991.
18. "Optimal Variance and Efficiency-Balanced Designs with Unequal Number of Replicates" in the International Symposium on Optimization and Statistics, Aligarh Muslim University, Aligarh , during December 1989.
19. "Some Aspects of Optimality of Row-Column Designs" in the Statistics Section of the Indian Science Congress Association meet at Madurai for award under Young Scientist Award Programme, during January 1989.
20. "Optimality of Row-Column Designs" in the Raj Chandra Bose International Symposium on Probability, Statistics and Design of Experiments, New Delhi, during December 1988.
21. "A-Optimal Incomplete Block Designs for Comparing Treatments with a Control" in the 40-th Annual Conference of the Indian Society of Agricultural Statistics, Varanasi, during December 1986.
22. "Use of BIB Designs for Systematic Sampling Without Drawback" in the U.G.C. Seminar on Recent Developments in Statistical Theory and Applications, University of Madras, Madras during December 1984.

Research Publications

1. A General Method of Obtaining Eigenvalues of C -matrix of Block Designs. (with M. V. R. Prasada Rao) **Metron**(1988), 46, 81-98. (MR # 91a:62206)
2. A Generalization of Systems of Distinct Representatives and its Applications. (with A. Dey) **Calcutta Statist. Assoc. Bull.**(1989), 38, 57-63. (MR # 90m:62183)
3. A Note on Balanced Block Designs. (with A. Dey) **Jour. Statist. Planning Infer.**(1989), 22, 265-268. (MR # 91a:62201)
4. On Some E -Optimal Block Designs. (with A. Dey) **Metrika**(1989), 36, 269-278. (MR # 91d:62115)

5. Optimality of Row-Column Designs. (with A. Dey) **Calcutta Statist. Assoc. Bull.**(1990), 39, 63-72. (MR # 92e:62138)
6. A Note on Construction of Graeco-Latin Square of Order $2n + 1$. (with A. Dey) **Jour. Indian Soc. Agric. Statist.**(1990), 42, 247-249.
7. A Characterization of Generalized Binary Proper Efficiency-Balanced Designs. (with S. Kageyama) **Bull. Fac. School Ed. Hiroshima Univ.**(1991), 13, 17-20.
8. Universal Optimality of Block Designs with Unequal Block Sizes. (with V. K. Gupta and A. Dey) **Statist. Probab. Letters**(1991), 11, 177-180. (MR # 92a:62116)
9. Optimal Variance and Efficiency-Balanced Designs for One and Two-Way Elimination of Heterogeneity (with A. Dey) **Metrika**(1991), 38, 227-238. (MR # 92h:62111)
10. A Class of E -Optimal Proper Efficiency-Balanced Designs. (with S. Kageyama) **Biometrika**(1991), 78, 693-696. (MR # 92h:62115)
11. Universal Optimality and Non-Optimality of Some Row-Coloumn Designs. (with A. Dey) **Jour. Statist. Planning Infer.**(1992), 31, 263-271. (MR # 92j:62188)
12. E -Optimal Block Designs Under Heteroscedastic Model. (with V. K. Gupta and P. Das) **Commun. Statist. -Theory Meth.**(1992), 21, 1651-1666. (MR # 93a:62103)
13. Robustness of BIB and Extended BIB Designs Against the Unavailability of Any Number of Observations in a Block. (with S. Kageyama) **Comput. Statist. Data Anal.**(1992), 14, 343-358. (MR # 94f:62118)
14. Binary Designs are Not Always the Best. (with K. R. Shah) **Canadian Jour. Statist.**(1992), 20, 347-351. (MR # 93h:62129)
15. On Some Series of Efficiency-Balanced Block and Row-Column Designs. (with S. Kageyama) **Sankhya B**(1992), 54, 316-323. (MR # 94m:62201)
16. E -Optimal Block and Row-Column Designs With Unequal Number of Replicates. **Sankhya B**(1993), 55, 77-90. (MR # 95k:62205)
17. E - and MV -Optimal Orthogonal Block Designs. **Probability and Statistics: First International Triennial Calcutta Symposium on Probability and Statistics.** Narosa Publishing House (1993), 185-188.
18. On Generalized Binary Proper Efficiency-Balanced Block Designs. (with S. Kageyama) **International Conference on Linear Statistical Inference LINSTAT'93.** Kluwer Academic Publishers, The Netherlands (1994), 203-210. (MR # 96i:62084)
19. Single Replicate Orthogonal Block Designs for Circulant Partial Diallel Crosses. (with S. Gupta and S. Kageyama) **Commun. Statist. -Theory Meth.**(1995), 24, 2601-2607.
20. Optimal Block Designs With Minimal and Nearly Minimal Number of Units. (with A. Dey and K. R. Shah) **Statistica Sinica**(1995), 5, 547-558. (MR # 97b:62120)
21. Optimal Block Designs for Trialallel Cross Experiments. (with S. Gupta) **Commun. Statist. -Theory Meth.** (1997), 26, 1767-1777. (MR # 98b:62136)
22. Optimal Designs for Diallel Cross Experiments. (with A. Dey and A. M. Dean) **Statist. Probab. Letters**(1998), 36, 427-436.

23. Discrimination Among Equivalent Block Designs. (with K. R. Shah) **Frontiers in Probability and Statistics: International Triennial Calcutta Symposium.** Narosa Publishing House (1998), 341-349.
24. Designs with Nearly Minimal Number of Observations and Flexible Blocking. (with A. M. Dean and W. I. Notz) **Jour. Statist. Planning Infer.**(1998), 72, 133-147.
25. Optimality of a Class of Efficiency-Balanced Designs. **Statist. Probab. Letters**(1998), 39, 317-326.
26. On Optimality of Some Partial Diallel Cross Designs. (with A. M. Dean and S. Gupta) **Sankhya B**(1998), 60, 511-524.
27. Balanced Incomplete Block Diallel Cross Designs. (with D. K. Ghosh) **Statist. and Applications**(1999), 1, 1-16.
28. Streamlining Some Innovative Banking Services and an Algorithm Therefor. (with P. Das and M. N. Das) **Statist. and Applications**(1999), 1, 89-97.
29. A list of Equireplicate Balanced Block Designs. (with S. Kageyama and K. Sinha) **Bull. Fac. School Ed. Hiroshima Univ.**(2000), 49, 17-24.
30. A-Efficient Block Designs for Slope Ratio Assays. (with A. Dey and S. Gupta) **Golden Jubilee Issue of Calcutta Statist. Assoc. Bull.**(2000), 50, 255-263.
31. A General Computer Program for Analysis of All Types of Two-Way Designs and Data. (with M. N. Das) **Statist. and Applications**(2000), 2, 101-103.
32. On the Construction of Asymmetric Orthogonal Arrays. (with C. Suen and A. Dey) **Statistica Sinica**(2001), 11, 241-260.
33. A-Optimal Block Designs for Parallel Line Assays. (with F. S. Chai and A. Dey) **Jour. Statist. Planning Infer.**(2001), 96, 403-414.
34. All Magic Squares as Sums of Two Magic Squares. (with M. N. Das) **Utilitas Mathematica**(2001), 60, 193-208.
35. Nearly L -Designs for Symmetric Parallel Line Assays. (with F. S. Chai) **Statist. and Applications**(2001), 3, 11-23.
36. Optimality of Orthogonally Blocked Diallels with Specific Combining Abilities. (with K. Chatterjee, K. C. Choi and S. Gupta) **Statist. Probab. Letters**(2002), 57, 145-150.
37. Quasi-Orthogonal Arrays and Optimal Fractional Factorial Plans. (with K. Chatterjee and A. Dey) **Statistica Sinica**(2002), 12, 905-916.
38. On Optimality of Some Partial Diallel Cross Designs: Corrigendum. (with A. M. Dean and S. Gupta) **Sankhya B**(2002), 64, 366.
39. On a Property of Orthogonal Arrays and Optimal Blocking of Fractional Factorial Plans. (with A. Dey and C. K. Midha) **Metrika**(2003), 57, 127-135.
40. Optimal Diallel Cross Designs for Estimation of Heritability. (with H. Ghosh) **Jour. Statist. Planning Infer.**(2003), 116, 185-196.
41. Variance Balanced Block Designs with Unequal Block Sizes. (with V. K. Gupta and R. Parsad) **Utilitas Mathematica**(2003), 64, 183-192.

42. Efficient Control-Test Designs for Diallel Cross Experiments. **Sankhya**(2003), 65, 671-688.
43. Block Designs for Symmetric Parallel Line Assays with Block Size Odd. (with F. S. Chai and A. Dey) **Sankhya**(2003), 65, 689-703.
44. Designs for Diallel Cross Experiments with Specific Combining Abilities. (with A. Dey) **Jour. Indian Soc. Agric. Statist.**(2004), 57, 247-256.
45. Some Series of Block Designs with Nested Rows and Columns. (with K. Sinha, S. Kageyama and G. M. Saha) **Australas. Jour. Combin.**(2004), 29, 337-347.
46. Optimal Diallel Cross Designs for Interval Estimation of Heredity. (with H. Ghosh) **Statist. Probab. Letters**(2004), 67, 47-55.
47. Optimal Main Effect Plans with Nonorthogonal Blocks. (with A. Dey) **Sankhya**(2004), 66, 378-384.
48. Asymmetric Fractional Factorial Plans Optimal for Main Effects and Specified Two-Factor Interactions. (with A. Dey and C. Suen) **Statistica Sinica**(2005), 15, 751-765.
49. Small Asymmetric Fractional Factorial Plans for Main Effects and Specified Two-factor Interactions. (with A. Dey and P. Saha) **Metrika**(2005),62, 33-52.
50. Optimal Designs for Best Linear Unbiased Prediction in Diallel Crosses. (with H. Ghosh) **Commun. Statist. -Theory Meth.**(2005), 34, 1579-1586.
51. A-Efficient Balanced Treatment Incomplete Block Designs. (with A. Dey, S. Kageyama and K. Sinha) **Australas. Jour. Combin.**(2005), 32, 243-252.
52. Optimal Designs for Estimation of Ratio of Variance Components in Diallel Crosses. (with H. Ghosh and C. K. Midha) **Sankhya**(2005), 67, 785-794.
53. Design and Analysis of Diallel Cross Experiments. **Recent Advances in Mating Designs** (eds. L. S. Kaushik and R. C. Hasija), Dhanpat Rai and Co. (2005), 5.1-5.10.
54. A-optimal Diallel Crosses for Test Versus Control Comparisons. (with S. Gupta and S. Kageyama) **Jour. Applied Statist.**(2006), 33, 601-608.
55. Construction and Use of Magic Squares and Magic Rectangles. (with J. P. De Los Reyes, A. Pourdarvish and C. K. Midha) **Statist. and Applications New Series** (2006), 4, 39-45.
56. Allocating Factors to the Columns of an Orthogonal Array When Certain Interactions are Important. (with A. Dey and C. K. Midha) **Statist. Probab. Letters**(2006), 76, 1570-1577.
57. On Some Efficient Partial Diallel Cross Designs. (with H. Ghosh and C. K. Midha) **Statist. Probab. Letters**(2006), 76, 1768-1774.
58. A Matrix Approach to Construct Magic Rectangles of Even Order. (with J. P. De Los Reyes and C. K. Midha) **Australasian Jour. of Comb.**(2008), 40, 293-300.
59. On $E(s^2)$ -Optimal Supersaturated Designs. (with A. Dey, L. Y. Chan and K. Chatterjee) **Jour. Statist. Planning Infer.**(2008), 138, 3749-3757.
60. On a Method to Construct Magic Rectangles of Odd Order. (with C. K. Midha, J. P. De Los Reyes and L. Y. Chan) **Statist. and Applications New Series** (2008), 6, 17-24.

61. Sensitivity Analysis of T-Distribution Under Truncated Normal Populations. (with Dale Borowiak) **Jour. Statist. Comp. Simul.**(2009), 79, 723-729.
62. On a Method to Construct Magic Rectangles of Even Order. (with J. P. De Los Reyes, C. K. Midha and P. Vellaisamy) **Utilitas Mathematica**(2009), 80, 277-284.
63. Trend Free Block Designs for Diallel Cross Experiments. (with F. S. Chai, A. Dey and C. K. Midha) **Jour. Statist. and Applications**(2009), 4, 75-82.
64. $E(s^2)$ -Optimal Supersaturated Designs With Odd Number of Runs. (with C. Suen) **Jour. Statist. Planning Infer.**(2010), 140, 1398-1409.

Papers Under Revision

1. A Class of Universally Optimal Block Designs. (with V. K. Gupta and W. I. Notz) **Calcutta Statist. Assoc. Bull.**(2009).

Working papers and other reports

1. Rate of Interest on Term Deposits- A Micro Level Study. (with Praggya Das).
2. On Benchmarking Cheque Collections in India. (with Praggya Das).
3. Savings Bank Accounts- 'Interest'ing Issues.
4. Checks on Cheques. (with PD).
5. Acceptability Standards in Credit Card Industry. (with PD).
6. Rationalisation of Charges Levied by Banks on Returned Cheques. (with A D Naga Venkata Ramarao).
7. Comparison of Banks with Respect to Cheque Collection Policy. (with A D Naga Venkata Ramarao and Chand Midha).
8. Some Issues Related to Policies on Cheque Collections.
9. Customers Providing Benefit to Banks Through Usage of ATM and EDC Machines.
10. On Service Charges of the Banks in India. (with Amrita Ganguly).
11. Minimax Optimal Designs. (with D. Sengupta and A. Dey).
12. Efficiency Balanced Block Designs for Diallel Cross Experiments. (with S. Gupta and C. K. Midha).
13. Optimal supersaturated designs for s^m factorials in $N \not\equiv 0 \pmod{s}$ runs. (with F. S. Chai, K. Chatterjee and C. K. Midha).
14. Construction of Magic Rectangles of Odd Order. (with F. S. Chai and C. K. Midha).
15. Model Based Confidence Intervals for Binomial Proportion. (with Desale Habtzghi and C. K. Midha).
16. A Note on Demand Draft Charges Levied by Banks in India. (with Rajeev Kumar and Prasanna Kumar).

17. Card Based Payment System in India- A Path to Rationalization. (with PD and Rakhi Agarwal)
18. Construction of Optimal Fractional Factorial Designs. (with C. Suen)

Technical Reports

- (1) On the E-Optimality of Some Block Designs. (with A. Dey) Stat-Math. Division, ISI Tech. Report # 6 (1989).
- (2) A Note on E-Optimality of Block Designs. (with A. Dey) Stat-Math Division, ISI Tech. Report # 28 (1989).
- (3) Robustness of Designs Against the Unavailability of Any Number of Observations in a Block. (with S. Kageyama) Statistical Research Group, Hiroshima University Tech. Report # 271 (1990).
- (4) Optimal Block Designs Under Partially Mixed Model. (with Bikas K. Sinha and K. R. Shah)(1994).
- (5) A Note on Balanced Incomplete Block Designs. (with G. M. Saha) (1994).
- (6) Optimal Allocation of Observations Under Experimental Constraints: Resource Scarcity and External Force's Intervention. (with Bikas K. Sinha)(1994).
- (7) Some Optimal Incomplete Block Designs (with W. I. Notz) Department of Statistics, The Ohio State University Tech. Report # 569 (1995).
- (8) Rate of Interest on Term Deposits- A Micro Level Study. (with Praggya Das) ISI Delhi Tech. Report isid/ms/2002/13 (2002).
- (9) On Benchmarking Cheque Collections in India. (with Praggya Das) ISI Delhi Tech. Report isid/ms/2006/08 (2006).
- (10) On Service Charges of the Banks in India. (with Amrita Ganguly) IITB Tech. Report dspace.library.iitb/10054/1730 (2010).
- (11) Comparison of Banks with Respect to Cheque Collection Policy. (with A D Naga Venkata Ramarao and Chand Midha) IITB Tech. Report dspace.library.iitb/10054/1729 (2010).
- (12) Rationalisation of Charges Levied by Banks on Returned Cheques. (with A D Naga Venkata Ramarao) IITB Tech. Report dspace.library.iitb/10054/1731 (2010).
- (13) A Note on Demand Draft Charges Levied by Banks in India. (with Rajeev Kumar and Prasanna Kumar) IITB Tech. Report dspace.library.iitb/10054/1728 (2010).

Names and Addresses of Referees

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