PUBLICATIONS

a) Refereed Journal publications


44. N. Kamran, R. Milson and P. J. Olver, 2000, Invariant modules and the reduc-
tion of non-linear partial differential equations to dynamical systems, Advances in
Mathematics, 156, pp. 286-319.

45. N. Kamran and T. Robart, 2000, On the parametrization problem of Lie pseudo-

46. P. Bracken and N. Kamran, 1999, Matrix Calogero-Sutherland Hamiltonians and
the multi-dimensional Darboux transformation, J. Geometry and Physics, 30, pp. 283-294.

47. N. Kamran and R. Milson, 1999, Algebraic exact solvability of trigonometric-type

48. A. González-López and N. Kamran, 1998, The multi-dimensional Darboux trans-
formation, J. Geometry and Physics, 26, pp. 202-226.


50. N. Kamran and K. Tenenblat, 1998, Periodic systems for the higher-dimensional
Laplace transformation, Discrete and Continuous Dynamical Systems, 4, 359–378.

51. I. Anderson and N. Kamran, 1997, The variational bicomplex for hyperbolic second-
order scalar partial differential equations in the plane, Duke Math. J., 87, pp. 265-
319.

52. N. Kamran and T. Robart, 1997, Perspectives sur la théorie des pseudo-groupes
infinis de transformations, J. Geometry and Physics, 23, pp. 308-318.

53. T. Robart et N. Kamran, 1997, Sur la théorie locale des pseudo-groupes infinis,
Mathematische Annalen, 308, pp. 593-613,

54. N. Kamran and T. Robart, 1997, Abstract structure for Lie pseudo-groups of infinite

55. N. Kamran and K. Tenenblat, 1996, Laplace transformation in higher dimensions,

operators and quasi-exactly solvable potentials, Phil. Trans. Roy. Soc. London A,
354, pp. 1165-1193.

57. R.B. Gardner and N. Kamran, 1995, Normal forms and focal systems for deter-
mined systems of two first-order partial differential equations in the plane, Indiana

58. I. Anderson and N. Kamran, 1995, La cohomologie du complexe bi-gradué vari-
ationnel pour les équations paraboliques du deuxième ordre dans le plan, Comptes


88. N. Kamran, K. Lamb and W. F. Shadwick, 1985, The local equivalence problem for \( y'' = F(x, y, y') \) and the Painlevé transcendent, *J. Differential Geometry*, 22, pp. 139-150.


b) Research monographs


c) Articles in refereed conference proceedings


d) Chapters in books


137. N. Kamran and W.F. Shadwick, 1986, The solution of the equivalence problem for \( y'' = F(x, y, y') \) under the pseudo-group \( \bar{x} = \phi(x), \bar{y} = \psi(x, y) \), in *Field Theory, Quantum Gravity and Strings*, ed. H. de Vega and N. Sánchez, Springer Lecture Notes in Physics, Vol. 246, Springer-Verlag, New York, pp. 320-334.

e) Books edited
