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Education Information

Doctorate, Tokyo University, Insititute of Mathematical Sciences, Mathematics, Japan 1989 - 1993

Research Areas

Natural Sciences

Supervised Theses

TANABE S., Topology of Algebraic Equations, Postgraduate, Ü.GÜLBİN(Student), 2018
TANABE S., Classification of Lie algebras, Postgraduate, İ.BIYIK(Student), 2018
TANABE S., ALGEBRAIC FUNCTIONS IN TERMS OF GENERALIZED HYPERGEOMETRIC FUNCTIONS, Postgraduate,
M.KOÇAR(Student), 2018
TANABE S., Differential Calculus On Stratified Spaces, Postgraduate, G.ÖZCAN(Student), 2018
TANABE S., Bifurcation of reaction diffusion equation, Postgraduate, H.KÜBRA(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

I. **PERIOD INTEGRALS ASSOCIATED TO AN AFFINE DELSARTE TYPE HYPERSURFACE**
TANABE S.
MOSCOW MATHEMATICAL JOURNAL, vol.22, no.1, pp.133-168, 2022 (SCI-Expanded)
II. **Brieskorn Module and Center Conditions: Pull-Back of Differential Equations in Projective Space**
Zare Y., TANABE S.
JOURNAL OF DYNAMICAL AND CONTROL SYSTEMS, vol.27, no.4, pp.799-816, 2021 (SCI-Expanded)
III. **ON REAL CURVE CONSTRUCTION FOR ASYMPTOTIC CRITICAL VALUE SET OF A POLYNOMIAL MAP**
TANABE S., Gunduz A., ERSOY B. A.
COMPTES RENDUS DE L ACADEMIE BULGARE DES SCIENCES, vol.74, no.5, pp.649-657, 2021 (SCI-Expanded)
IV. **On monodromy representation of period integrals associated to an algebraic curve with bi-degree (2,2)**
TANABE S.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.25, no.1, pp.207-231,
2017 (SCI-Expanded)
V. **Maximally reducible monodromy of bivariate hypergeometric systems**

Sadykov T. M., TANABE S.

IZVESTIYA MATHEMATICS, vol.80, no.1, pp.221-262, 2016 (SCI-Expanded)

VI. **Invariants of hypergeometric groups for Calabi-Yau complete intersections in weighted projective spaces**

TANABE S., Ueda K.

COMMUNICATIONS IN NUMBER THEORY AND PHYSICS, vol.7, no.2, pp.327-359, 2013 (SCI-Expanded)

Metrics

Publication: 6

Citation (WoS): 11

Citation (Scopus): 13

H-Index (WoS): 2

H-Index (Scopus): 2