

ADVANCED TRAINING IN MATHEMATICS SCHOOLS (ATM Schools)

Advanced Instructional School in

COMMUTATIVE ALGEBRA AND ALGEBRAIC GEOMETRY

Conveners: N. Nitsure, A. R. Shastri, J. K. Verma

Schedule of lectures and tutorials

ag = algebraic geometry, ca = commutative algebra, initials in boldface = In-Charge of the tutorial

Day	July	9.30-10.30	11.00-12.30	2.00-3.00	3.30-5.00	
		Lecture	Lecture	Lecture	Tutorial in	conducted by
First Week						
Mon	4	dp	nn	srg	ca	RAR + dp+srg+mk+ps
Tue	5	dp	nn	srg	ag	NN +akm +svc+ nkg+yh
Wed	6	dp	nn	srg	ca	RAR + dp+srg+mk+ps
Thu	7	dp	nn	srg	ag	NN +akm + svc+nkg+yh
Fri	8	dp	nn	srg	ca	RAR +dp+srg+mk+ps+
Sat	9	dp	nn	srg	ag	NN +akm + svc+nkg+yh
Second Week						
Mon	11	bs	nn	vt	ca	RAR +bs+vt+ mk+ps
Tue	12	bs	nn	vt	ag	NN +akm + svc + nkg+yh
Wed	13	bs	yh	vt	ca	RAR +bs+vt+ mk+ps
Thu	14	bs	yh	vt	ag	NN +yh+akm + svc +nkg
Fri	15	bs	yh	vt	ca	RAR +bs+vt+ mk+ps
Sat	16	bs	yh	vt	ag	NN +yh+ akm + svc + nkg
Third Week						
Mon	18	jkv	yh	smb	ca	JKV +smb+ tjp+avj+ps
Tue	19	jkv	yh	smb	ag	NN +yh+ akm + svc + nkg
Wed	20	jkv	yh	smb	ca	JKV +smb+tjp+avj+ps
Thu	21	jkv	yh	smb	ag	NN +yh + akm + svc + nkg
Fri	22	jkv	kp	smb	ca	JKV +smb+tjp+avj+ps
Sat	23	jkv	kp	smb	ag	NN +kp + akm + svc + nkg
Fourth Week						
Mon	25	avj	kp	tjp	ca	JKV +avj+tjp+ps
Tue	26	avj	kp	tjp	ag	NN +kp+ akm + svc + nkg
Wed	27	avj	kp	tjp	ca	JKV +avj+tjp+ps
Thu	28	avj	kp	tjp	ag	NN +kp + akm + svc + nkg
Fri	29	avj	kp	tjp	ca	JKV + avj+tjp+ps
Sat	30	avj	kp	tjp	ag	NN +kp + akm + svc + nkg

Name	Abbr	Inst.	Title
Commutative Algebra			
D. P. Patil	dp	IISc, Bangalore	Homological algebra
S. R. Ghorpade	srg	IIT, Bombay	Dimension theory
B. Singh	bs	IIT, Bombay	Cohen structure theorems
V. Trivedi	vt	TIFR, Mumbai	Hilbert Samuel polynomials
S.M. Bhatwadekar	sm	TIFR, Mumbai	Injective modules and Matlis duality
J. K. Verma	jkv	IIT, Bombay	Cohen-Macaulay rings
			In-Charge of CA tutorials
A. V. Jayanthan	avj	HRI, Allahabad	Regular local rings
T. J. Puthenpurakal	tjp	IIT, Bombay	Gorenstein rings
R. A. Rao	rar	TIFR, Mumbai	In-Charge of CA Tutorials
M. Keshari	mk	HRI, Allahabad	Tutorials
P. Singla	ps	Univ. of Essen-Duisburg	Tutorials
Algebraic Geometry			
N. Nitsure	nn	TIFR, Mumbai	Introduction to algebraic varieties
			In-Charge of AG tutorials
Y. Holla	yh	TIFR, Mumbai	Algebraic curves
K. Paranjape	kp	IMSc, Chennai	Study of algebraic geometry
Alok Maharana	akm	TIFR, Mumbai	Tutorials
Saurav V. Chatterjee	svc	TIFR, Mumbai	Tutorials
Narasimha Kumar Ganesh	nkg	TIFR, Mumbai	Tutorials