In [2]:

```
import openpyxl
import gurobipy as gp
from gurobipy import GRB, quicksum
from collections import defaultdict

EXCEL_PATH = r"C:\TAOR\Tutor Allocation 2023-24 - Lars 1.xlsx"
SHEET_TA  = "Tutor Allocation 2023-24"
SHEET_TUT = "Tutors"
SHEET_COU = "Courses"

def safe_float(val):
    try:
        return float(val)
    except (ValueError, TypeError):
        return 0.0

def parse_time_session(s):
    s = s.strip()
    if not s:
        return None
    parts = s.split()
    if len(parts) < 2:
        return None
    day = parts[0]
    try:
        times = parts[1].split('-')
        start = int(times[0].split(':')[0])
        end = int(times[1].split(':')[0])
        return (day, start, end)
    except:
        return None

def has_time_conflict(times1, times2):
    for (d1, s1, e1) in times1:
        for (d2, s2, e2) in times2:
            if d1 == d2 and not (e1 <= s2 or e2 <= s1):
                return True
    return False

def read_sheet_TA(excel_path, sheet_name):
    wb = openpyxl.load_workbook(excel_path, data_only=True)
    sheet = wb[sheet_name]
    rows = list(sheet.iter_rows(values_only=True))
    wb.close()
    if not rows:
        return []
    header = rows[0]
    body = rows[1:]
    colTutor = header.index("Tutor")
    colRole = header.index("Role")
    colPosition = header.index("Position")
    colGroup = header.index("Group")
    colCourseCode = header.index("Course Code")
    colCourseName = header.index("Course Name")
    colSess1 = header.index("Session Day & Time (1)")
    colSess2 = header.index("Session Day & Time (2)")
    colSess3 = header.index("Session Day & Time (3)")
    colSess4 = header.index("Session Day & Time (4)")
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    colSemester = header.index("Semester")
    colTutorNeed = header.index("# of Tutor workshops")
    colTtotal = header.index("Tutor Total Hrs")
    colGrandTotal = header.index("Grand Total Hrs")
    ta_rows = []
    for row in body:
        if all(x is None for x in row):
            continue
        d = {
            "Tutor": str(row[colTutor]) if row[colTutor] else "",
            "Role": str(row[colRole]) if row[colRole] else "",
            "Position": str(row[colPosition]) if row[colPosition] else "",
            "Group": str(row[colGroup]) if row[colGroup] else "",
            "CourseCode": str(row[colCourseCode]) if row[colCourseCode] else "",
            "CourseName": str(row[colCourseName]) if row[colCourseName] else "",
            "Session1": str(row[colSess1]) if row[colSess1] else "",
            "Session2": str(row[colSess2]) if row[colSess2] else "",
            "Session3": str(row[colSess3]) if row[colSess3] else "",
            "Session4": str(row[colSess4]) if row[colSess4] else "",
            "Semester": str(row[colSemester]) if row[colSemester] else "",
            "TutorNeed": safe_float(row[colTutorNeed]),
            "T_total_hrs": safe_float(row[colTtotal]),
            "Grand_total_hrs": safe_float(row[colGrandTotal])
        }
        ta_rows.append(d)
    return ta_rows

def read_sheet_Tutors(excel_path, sheet_name):
    wb = openpyxl.load_workbook(excel_path, data_only=True)
    sheet = wb[sheet_name]
    rows = list(sheet.iter_rows(values_only=True))
    wb.close()
    if not rows:
        return {}
    header = rows[0]
    body = rows[1:]
    colStaff = header.index("Staff Name")
    colS1Load = header.index("S1 Load")
    colS2Load = header.index("S2 Load")
    tutors_dict = {}
    for row in body:
        if all(x is None for x in row):
            continue
        name = str(row[colStaff]) if row[colStaff] else ""
        if not name:
            continue
        tutors_dict[name] = {
            "S1Load": safe_float(row[colS1Load]),
            "S2Load": safe_float(row[colS2Load])
        }
    return tutors_dict

def read_sheet_Courses(excel_path, sheet_name):
    wb = openpyxl.load_workbook(excel_path, data_only=True)
    sheet = wb[sheet_name]
    rows = list(sheet.iter_rows(values_only=True))
    wb.close()
    if not rows:
        return {}
    header = rows[0]
```

```
    body = rows[1:]
    colCode = header.index("Code")
    colNoTreq = header.index("No T Required")
    courses_dict = {}
    for row in body:
        if all(x is None for x in row):
            continue
        code = str(row[colCode]) if row[colCode] else ""
        if not code:
            continue
        noTreq = safe_float(row[colNoTreq])
        courses_dict[code] = {"NoTreq": noTreq}
    return courses_dict

def read_sheet_Lookups(excel_path, sheet_name):
    wb = openpyxl.load_workbook(excel_path, data_only=True)
    sheet = wb[sheet_name]
    rows = list(sheet.iter_rows(values_only=True))
    wb.close()
    return [list(r) for r in rows if any(x is not None for x in r)]

def unify_workshops(ta_rows):
    groups = defaultdict(list)
    for row in ta_rows:
        key = (row["CourseCode"], row["Semester"], row["Session1"].strip(), row[
        groups[key].append(row)
    workshop_list = []
    workshop_need = []
    for key, lines in groups.items():
        total_need = sum(r["TutorNeed"] for r in lines)
        if total_need < 1:
            total_need = 1
        workshop_list.append(key)
        workshop_need.append(total_need)
    return workshop_list, workshop_need

def build_ilp_model(ta_rows, tutors_dict, courses_dict):
    model = gp.Model("TutorAllocationFull")
    workshop_list, workshop_need = unify_workshops(ta_rows)
    W = len(workshop_list)
    tutor_set = list(tutors_dict.keys())
    x = {}
    for t in tutor_set:
        for w in range(W):
            x[t, w] = model.addVar(vtype=GRB.BINARY, name=f"x_{t}_{w}")
    obj_expr = gp.LinExpr()
    for w, key in enumerate(workshop_list):
        grand_hrs = 0.0
        for row in ta_rows:
            kk = (row["CourseCode"], row["Semester"], row["Session1"].strip(), r
            if kk == key:
                grand_hrs = row["Grand_total_hrs"]
                break
        for t in tutor_set:
            obj_expr.addTerms(grand_hrs, x[t, w])
    model.setObjective(obj_expr, GRB.MAXIMIZE)
    for w in range(W):
        model.addConstr(quicksum(x[t, w] for t in tutor_set) == workshop_need[w]
    for t in tutor_set:
        cap = tutors_dict[t]["S1Load"] + tutors_dict[t]["S2Load"]
```

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        model.addConstr(quicksum(x[t, w] for w in range(W)) <= cap / 10.0, name=
    for t in tutor_set:
        model.addConstr(quicksum(x[t, w] for w in range(W)) <= 10, name=f"MaxWor
    course_to_w = defaultdict(list)
    for w, key in enumerate(workshop_list):
        course_code = key[0]
        course_to_w[course_code].append(w)
    for t in tutor_set:
        for c, wlist in course_to_w.items():
            model.addConstr(quicksum(x[t, w] for w in wlist) <= 1, name=f"Unique
    workshop_times = []
    for w, key in enumerate(workshop_list):
        times = []
        for sess in key[2:]:
            p = parse_time_session(sess)
            if p:
                times.append(p)
        workshop_times.append(times)
    for t in tutor_set:
        for w1 in range(W):
            for w2 in range(w1 + 1, W):
                if has_time_conflict(workshop_times[w1], workshop_times[w2]):
                    model.addConstr(x[t, w1] + x[t, w2] <= 1, name=f"TimeConflic
    model.optimize()
    if model.SolCount > 0:
        print("\n=== Optimal solution found ===")
        for t in tutor_set:
            assigned = []
            for w in range(W):
                if x[t, w].X > 0.5:
                    key = workshop_list[w]
                    ccode, sem, s1, s2, s3, s4 = key
                    cName = ""
                    for row in ta_rows:
                        kk = (row["CourseCode"], row["Semester"], row["Session1"
                        if kk == key:
                            cName = row["CourseName"]
                            break
                    assigned.append(f"{ccode}({cName})")
            if assigned:
                print(f"Tutor {t} assigned to: {assigned}")
    else:
        print("No feasible solution or optimization was stopped.")
    return model, x

if __name__ == "__main__":
    ta_rows = read_sheet_TA(EXCEL_PATH, SHEET_TA)
    tutors_dict = read_sheet_Tutors(EXCEL_PATH, SHEET_TUT)
    courses_dict = read_sheet_Courses(EXCEL_PATH, SHEET_COU)
    model, x = build_ilp_model(ta_rows, tutors_dict, courses_dict)
```

```
Gurobi Optimizer version 12.0.1 build v12.0.1rc0 (win64 - Windows 10.0 (19045.2))

CPU model: Intel(R) Core(TM) i7-10870H CPU @ 2.20GHz, instruction set [SSE2|AVX|A
VX2]
Thread count: 8 physical cores, 16 logical processors, using up to 16 threads

Optimize a model with 59212 rows, 122122 columns and 488488 nonzeros
Model fingerprint: 0xde00d753
Variable types: 0 continuous, 122122 integer (122122 binary)
Coefficient statistics:
  Matrix range     [1e+00, 1e+00]
  Objective range  [5e+00, 1e+02]
  Bounds range     [1e+00, 1e+00]
  RHS range        [1e+00, 4e+01]
Found heuristic solution: objective 45295.000000
Presolve removed 48234 rows and 37180 columns
Presolve time: 0.53s
Presolved: 10978 rows, 84942 columns, 224829 nonzeros
Variable types: 0 continuous, 84942 integer (84942 binary)

Explored 0 nodes (0 simplex iterations) in 0.62 seconds (0.65 work units)
Thread count was 16 (of 16 available processors)

Solution count 1: 45295

Optimal solution found (tolerance 1.00e-04)
Best objective 4.529500000000e+04, best bound 4.529500000000e+04, gap 0.0000%

=== Optimal solution found ===
Tutor Tutor 1 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mat
hematics for the Natural Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathemat
ics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10080(Galois Theory)',
'MATH08057(Introduction to Linear Algebra)']
Tutor Tutor 2 assigned to: ['MATH10066_S(Honours Differential Equations - Skill
s)', 'MBScS2(Maths Base Semester 2)']
Tutor Tutor 3 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH0807
5_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1
b)', 'MATH10068(Honours Analysis)', 'MATH10066_S(Honours Differential Equations -
Skills)', 'MATH08051_L(Statistics (Year 2) lab)', 'MATH11154(Stochastic Analysis
in Finance)']
Tutor Tutor 4 assigned to: ['MATH08071(Accelerated Proofs and Problem Solving)',
'MATH11140(Applied Dynamical Systems)', 'MATH08058(Calculus and its Application
s)', 'MATH10072(Combinatorics and Graph Theory)', 'MATH10076(General Topology)',
'MATH11183(Topics in Applied Operational Research)']
Tutor Tutor 5 assigned to: ['MATH10086(Advanced Methods of Applied Mathematics)',
'MATH10077(Algebraic Topology)', 'MATH08058(Calculus and its Applications)', 'MAT
H10067_S(Honours Complex Variables - Skills)', 'MATH11185(Incomplete Data Analysi
s)', 'MATH11207(Numerical Partial Differential Equations)', 'MATH08063(Several Va
riable Calculus and Differential Equations)']
Tutor Tutor 6 assigned to: ['MATH11111(Fundamentals of Optimization)', 'MATH10068
(Honours Analysis)']
Tutor Tutor 7 assigned to: ['MATH11187(Generalised Regression Models)', 'MATH1007
4(Geometry)', 'MATH10069_S(Honours Algebra - Skills)', 'MATH11185(Incomplete Data
Analysis)', 'MATH11205(Machine Learning in Python)']
Tutor Tutor 8 assigned to: ['MATH11175(Bayesian Data Analysis)', 'MATH08075_MATH0
8073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MAT
H10003(Financial Mathematics)', 'MATH08057(Introduction to Linear Algebra)', 'MAT
H11180(Mathematics in Action A)', 'MATH10060(Numerical Ordinary Differential Equa
tions and Applications)']
Tutor Tutor 9 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH0807
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4_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1
a)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natura
l Sciences 1b)', 'MATH08064(Fundamentals of Pure Mathematics)', 'MATH11185(Incomp
lete Data Analysis)', 'MATH08063(Several Variable Calculus and Differential Equat
ions)']
Tutor Tutor 10 assigned to: ['MBScS2(Maths Base Semester 2)', 'MATH00004(Differen
tial Topology)']
Tutor Tutor 12 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH080
68(Facets of Mathematics)', 'MSc_BaseS1(MSc Base - Semester 1)']
Tutor Tutor 13 assigned to: ['MATH10098_Lab(Numerical Linear Algebra - Lab)', 'MA
TH10060(Numerical Ordinary Differential Equations and Applications)']
Tutor Tutor 14 assigned to: ['MATH08057(Introduction to Linear Algebra)', 'MBScS2
(Maths Base Semester 2)', 'MATH10060(Numerical Ordinary Differential Equations an
d Applications)', 'MATH08051(Statistics (Year 2) workshop)']
Tutor Tutor 15 assigned to: ['MATH10053_Lab(Applied Stochastic Differential Equat
ions - Lab)', 'MBScS2(Maths Base Semester 2)']
Tutor Tutor 18 assigned to: ['MATH08068(Facets of Mathematics)', 'MATH10066(Honou
rs Differential Equations)', 'MATH11007(Methodology, Modelling and Consulting Ski
lls)', 'MATH11244_L(Nonlinear Optimization - Comp Lab)', 'MATH08066(Probabilit
y)']
Tutor Tutor 19 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Ma
thematics for the Natural Sciences 1b)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 21 assigned to: ['MATH11140(Applied Dynamical Systems)', 'MATH08064(F
undamentals of Pure Mathematics)', 'MATH10066(Honours Differential Equations)',
'MATH08077(Introduction to Data Science)', 'MATH08057(Introduction to Linear Alge
bra)', 'MATH10073(Linear Programming, Modelling and Solution)', 'MATH10095(Statis
tical Methodology)']
Tutor Tutor 22 assigned to: ['MATH08057(Introduction to Linear Algebra)', 'MATH10
073(Linear Programming, Modelling and Solution)', 'MBScS1(Maths Base Semester
1)', 'MATH10098_Lab(Numerical Linear Algebra - Lab)']
Tutor Tutor 23 assigned to: ['MATH10086(Advanced Methods of Applied Mathematic
s)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natura
l Sciences 1a)', 'MATH10066(Honours Differential Equations)', 'MATH08057(Introduc
tion to Linear Algebra)', 'MATH10073_CL(Linear Programming, Modelling and Solutio
n - Computer Lab)']
Tutor Tutor 24 assigned to: ['MATH07003(Fundamentals of Algebra and Calculus)',
'MATH10060(Numerical Ordinary Differential Equations and Applications)']
Tutor Tutor 25 assigned to: ['MATH08068(Facets of Mathematics)', 'MATH10003(Finan
cial Mathematics)', 'MATH10068_S(Honours Analysis - Skills)', 'MATH11205(Machine
Learning in Python)', 'MATH11007(Methodology, Modelling and Consulting Skills)']
Tutor Tutor 26 assigned to: ['MATH10068_S(Honours Analysis - Skills)', 'MATH11197
(Research Skills for Computational Applied Mathematics)', 'MATH10007(Stochastic M
odelling)']
Tutor Tutor 27 assigned to: ['MATH08057(Introduction to Linear Algebra)', 'MATH10
098_Lab(Numerical Linear Algebra - Lab)']
Tutor Tutor 28 assigned to: ['MATH10072(Combinatorics and Graph Theory)', 'MATH08
065(Computing and Numerics)', 'MATH10069(Honours Algebra)', 'MATH10068(Honours An
alysis)', 'MATH10067(Honours Complex Variables)', 'MATH08057(Introduction to Line
ar Algebra)']
Tutor Tutor 29 assigned to: ['MATH08057(Introduction to Linear Algebra)', 'MATH10
073_CL(Linear Programming, Modelling and Solution - Computer Lab)', 'MBScS2(Maths
Base Semester 2)', 'MATH11207_CL(Numerical Partial Differential Equations - Comp
Lab)']
Tutor Tutor 30 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH100
72(Combinatorics and Graph Theory)', 'MATH11111(Fundamentals of Optimization)',
'MATH10066_S(Honours Differential Equations - Skills)', 'MATH10010(Mathematical E
ducation)', 'MBScS1(Maths Base Semester 1)']
Tutor Tutor 31 assigned to: ['MATH08059(Proofs and Problem Solving)']
Tutor Tutor 33 assigned to: ['MATH10053(Applied Stochastic Differential Equation
s)', 'MATH10053_Lab(Applied Stochastic Differential Equations - Lab)', 'MATH10069

_S(Honours Algebra - Skills)', 'MATH10102(Statistical Case Studies)', 'MATH10007
(Stochastic Modelling)']
Tutor Tutor 34 assigned to: ['MATH08077(Introduction to Data Science)', 'MATH1006
4(Multivariate Data Analysis)', 'MATH11228(Research Skills for Financial Mathemat
ics)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 35 assigned to: ['MATH10003(Financial Mathematics)', 'MATH10066_S(Hon
ours Differential Equations - Skills)', 'MATH08077(Introduction to Data Scienc
e)', 'MATH10073_CL(Linear Programming, Modelling and Solution - Computer Lab)',
'MBScS1(Maths Base Semester 1)', 'MATH11244_L(Nonlinear Optimization - Comp La
b)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 36 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH111
11(Fundamentals of Optimization)', 'MATH10071(Introduction to Number Theory)', 'M
ATH11205(Machine Learning in Python)', 'MATH10098(Numerical Linear Algebra)', 'MA
TH11190(Risk and Logistics)', 'MATH08051(Statistics (Year 2) workshop)']
Tutor Tutor 37 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Ma
thematics for the Natural Sciences 1b)', 'MATH10067(Honours Complex Variables)',
'MATH10064(Multivariate Data Analysis)', 'MATH08051(Statistics (Year 2) worksho
p)']
Tutor Tutor 38 assigned to: ['MATH11175(Bayesian Data Analysis)', 'MATH11153(Disc
rete-Time Finance)', 'MATH08066(Probability)']
Tutor Tutor 39 assigned to: ['MATH10066_S(Honours Differential Equations - Skill
s)', 'MBScS2(Maths Base Semester 2)']
Tutor Tutor 41 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Ma
thematics for the Natural Sciences 1b)', 'MATH10068_S(Honours Analysis - Skill
s)', 'MATH08077(Introduction to Data Science)', 'MATH08057(Introduction to Linear
Algebra)', 'MATH11147(Large Scale Optimization for Data Science)']
Tutor Tutor 43 assigned to: ['MATH10096(Applied Statistics)', 'MATH08058(Calculus
and its Applications)', 'MATH10067_S(Honours Complex Variables - Skills)', 'MATH1
0093(Statistical Computing)']
Tutor Tutor 44 assigned to: ['MATH10098(Numerical Linear Algebra)', 'MATH08059(Pr
oofs and Problem Solving)']
Tutor Tutor 45 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Ma
thematics for the Natural Sciences 1b)', 'MATH08064(Fundamentals of Pure Mathemat
ics)', 'MATH10069_S(Honours Algebra - Skills)', 'MATH10073(Linear Programming, Mo
delling and Solution)', 'MATH10095(Statistical Methodology)']
Tutor Tutor 46 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Ma
thematics for the Natural Sciences 1b)', 'MATH10069_S(Honours Algebra - Skills)',
'MATH10068_S(Honours Analysis - Skills)', 'MATH10066(Honours Differential Equatio
ns)', 'MATH10064(Multivariate Data Analysis)', 'MATH10098(Numerical Linear Algebr
a)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 47 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH111
85(Incomplete Data Analysis)', 'MBScS2(Maths Base Semester 2)', 'MATH10060(Numeri
cal Ordinary Differential Equations and Applications)', 'MATH11158(Optimization M
ethods in Finance)']
Tutor Tutor 50 assigned to: ['MATH08068(Facets of Mathematics)', 'MATH10067_S(Hon
ours Complex Variables - Skills)', 'MATH10066_S(Honours Differential Equations -
Skills)']
Tutor Tutor 51 assigned to: ['MATH10069(Honours Algebra)', 'MATH10066(Honours Dif
ferential Equations)', 'MATH08057(Introduction to Linear Algebra)', 'MATH11205(Ma
chine Learning in Python)']
Tutor Tutor 52 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH100
66_S(Honours Differential Equations - Skills)', 'MATH10060(Numerical Ordinary Dif
ferential Equations and Applications)', 'MATH11158(Optimization Methods in Financ
e)', 'MATH10007(Stochastic Modelling)']
Tutor Tutor 54 assigned to: ['MATH08063(Several Variable Calculus and Differentia
l Equations)']
Tutor Tutor 55 assigned to: ['MATH10069(Honours Algebra)', 'MATH10066_S(Honours D
ifferential Equations - Skills)', 'MATH11147(Large Scale Optimization for Data Sc
ience)', 'MATH10010(Mathematical Education)']
Tutor Tutor 56 assigned to: ['MATH08065(Computing and Numerics)', 'MATH11111(Fund

amentals of Optimization)', 'EFI11025/6(Insights Through Data)']
Tutor Tutor 58 assigned to: ['MATH10003(Financial Mathematics)', 'MATH10069_S(Hon
ours Algebra - Skills)', 'MATH11205(Machine Learning in Python)', 'MBScS1(Maths B
ase Semester 1)', 'MATH08063(Several Variable Calculus and Differential Equation
s)']
Tutor Tutor 60 assigned to: ['MATH10106(Classical Mechanics for Mathematicians)',
'MBScS1(Maths Base Semester 1)', 'MATH10102(Statistical Case Studies)']
Tutor Tutor 62 assigned to: ['MATH10066(Honours Differential Equations)', 'MATH10
073(Linear Programming, Modelling and Solution)', 'MATH08063(Several Variable Cal
culus and Differential Equations)', 'MATH11243(Uncertainty Quantification)']
Tutor Tutor 64 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Ma
thematics for the Natural Sciences 1b)', 'MATH10047(Essentials in Analysis and Pr
obability)', 'MATH07003(Fundamentals of Algebra and Calculus)', 'MATH10067_S(Hono
urs Complex Variables - Skills)', 'MATH00003(Representation Theory)']
Tutor Tutor 65 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH100
69_S(Honours Algebra - Skills)', 'MATH10010(Mathematical Education)']
Tutor Tutor 69 assigned to: ['MATH11153(Discrete-Time Finance)', 'MATH10067_S(Hon
ours Complex Variables - Skills)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 70 assigned to: ['MBScS1(Maths Base Semester 1)', 'MATH11207_CL(Numer
ical Partial Differential Equations - Comp Lab)', 'MATH08051_L(Statistics (Year
2) lab)', 'MATH08051(Statistics (Year 2) workshop)']
Tutor Tutor 71 assigned to: ['MATH08065(Computing and Numerics)', 'MATH11111(Fund
amentals of Optimization)', 'MATH10067(Honours Complex Variables)', 'MATH11205(Ma
chine Learning in Python)', 'MBScS1(Maths Base Semester 1)', 'MBScS2(Maths Base S
emester 2)']
Tutor Tutor 72 assigned to: ['MATH10106(Classical Mechanics for Mathematicians)',
'MATH10017(Commutative Algebra)']
Tutor Tutor 73 assigned to: ['MATH10067_S(Honours Complex Variables - Skills)',
'MATH08057(Introduction to Linear Algebra)', 'MATH11007(Methodology, Modelling an
d Consulting Skills)', 'MATH08063(Several Variable Calculus and Differential Equa
tions)', 'MATH10007(Stochastic Modelling)']
Tutor Tutor 75 assigned to: ['MATH11148(Credit Scoring)', 'MATH10065(Fundamentals
of Operational Research)', 'MATH10060(Numerical Ordinary Differential Equations a
nd Applications)', 'MATH08066(Probability)']
Tutor Tutor 76 assigned to: ['MBScS2(Maths Base Semester 2)', 'MATH11188(Statisti
cal Research Skills)', 'MATH11154(Stochastic Analysis in Finance)']
Tutor Tutor 77 assigned to: ['MATH08065(Computing and Numerics)', 'MATH08077(Intr
oduction to Data Science)', 'MATH10073(Linear Programming, Modelling and Solutio
n)', 'MATH10098(Numerical Linear Algebra)', 'MATH10098_Lab(Numerical Linear Algeb
ra - Lab)', 'MATH08066(Probability)']
Tutor Tutor 78 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH111
53(Discrete-Time Finance)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mat
hematics for the Natural Sciences 1b)', 'MATH10067_S(Honours Complex Variables -
Skills)', 'MBScS1(Maths Base Semester 1)', 'MATH11207(Numerical Partial Different
ial Equations)', 'MATH11183(Topics in Applied Operational Research)']
Tutor Tutor 79 assigned to: ['MATH10096(Applied Statistics)', 'MATH11088(Finance,
Risk and Uncertainty)', 'MATH10067(Honours Complex Variables)', 'MATH10010(Mathem
atical Education)', 'MBScS2(Maths Base Semester 2)']
Tutor Tutor 81 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH111
48(Credit Scoring)', 'MATH10051(Fourier Analysis)', 'MATH11135(Functional Analysi
s)', 'MATH11205(Machine Learning in Python)', 'MATH11207(Numerical Partial Differ
ential Equations)', 'MATH08063(Several Variable Calculus and Differential Equatio
ns)']
Tutor Tutor 82 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Ma
thematics for the Natural Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathema
tics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10076(General Topolog
y)', 'MATH08059(Proofs and Problem Solving)', 'MATH10095(Statistical Methodolog
y)']
Tutor Tutor 83 assigned to: ['MATH10096(Applied Statistics)', 'MATH08065(Computin
g and Numerics)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics f

or the Natural Sciences 1a)', 'MATH10074(Geometry)', 'MATH10068_S(Honours Analysis - Skills)', 'MATH10066(Honours Differential Equations)', 'MATH08057(Introduction to Linear Algebra)', 'MATH10010(Mathematical Education)', 'MATH11240(Numerical Methods for Data)', 'MATH11199(Python Programming)']
Tutor Tutor 85 assigned to: ['MATH10074(Geometry)', 'MBScS2(Maths Base Semester 2)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 86 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH11135(Functional Analysis)', 'MATH10067(Honours Complex Variables)', 'MATH11207(Numerical Partial Differential Equations)', 'MATH11176(Statistical Programming/Extended Statistical Programming)', 'MATH08051(Statistics (Year 2) workshop)']
Tutor Tutor 90 assigned to: ['MATH11177(Bayesian Theory)', 'MATH08058(Calculus and its Applications)', 'MATH10067_S(Honours Complex Variables - Skills)', 'MATH10010(Mathematical Education)', 'MBScS1(Maths Base Semester 1)', 'MATH11244(Nonlinear Optimization)', 'MATH10028(Theory of Statistical Inference)']
Tutor Tutor 92 assigned to: ['MATH10066(Honours Differential Equations)', 'MATH08059(Proofs and Problem Solving)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 93 assigned to: ['MATH08059(Proofs and Problem Solving)']
Tutor Tutor 95 assigned to: ['MATH10003(Financial Mathematics)', 'MBScS2(Maths Base Semester 2)', 'MATH08066(Probability)']
Tutor Tutor 96 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH10069(Honours Algebra)']
Tutor Tutor 97 assigned to: ['MBScS2(Maths Base Semester 2)']
Tutor Tutor 98 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10066_S(Honours Differential Equations - Skills)', 'MATH08057(Introduction to Linear Algebra)', 'MBScS2(Maths Base Semester 2)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 99 assigned to: ['MATH10096(Applied Statistics)', 'MATH08058(Calculus and its Applications)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH10069_S(Honours Algebra - Skills)', 'MATH10067_S(Honours Complex Variables - Skills)', 'MATH08057(Introduction to Linear Algebra)', 'MATH11238(Targeted Causal Learning)', 'MATH11184(Theory of Elliptic Partial Differential Equations)']
Tutor Tutor 100 assigned to: ['MATH08068(Facets of Mathematics)', 'MATH10068(Honours Analysis)', 'MATH10068_S(Honours Analysis - Skills)', 'MBScS2(Maths Base Semester 2)', 'MATH08051(Statistics (Year 2) workshop)']
Tutor Tutor 101 assigned to: ['MATH10065(Fundamentals of Operational Research)', 'MATH08077(Introduction to Data Science)', 'MBScS1(Maths Base Semester 1)', 'MATH08059(Proofs and Problem Solving)', 'MATH11029(Stochastic Modelling OR)', 'MATH10083(Topics in Mathematical Biology)']
Tutor Tutor 102 assigned to: ['MATH10080(Galois Theory)', 'MATH10068_S(Honours Analysis - Skills)', 'MATH11231(Industrial Mathematics)', 'MBScS1(Maths Base Semester 1)', 'MATH10098_Lab(Numerical Linear Algebra - Lab)', 'MATH11199(Python Programming)']
Tutor Tutor 104 assigned to: ['MATH08071(Accelerated Proofs and Problem Solving)', 'MATH11175(Bayesian Data Analysis)', 'MATH08068(Facets of Mathematics)', 'MATH10066_S(Honours Differential Equations - Skills)', 'ProjS2(Projects total Semester 2)']
Tutor Tutor 107 assigned to: ['MATH08057(Introduction to Linear Algebra)', 'MATH08066(Probability)', 'MATH11199(Python Programming)']
Tutor Tutor 108 assigned to: ['MATH10053_Lab(Applied Stochastic Differential Equations - Lab)', 'MATH11175(Bayesian Data Analysis)', 'MATH10074(Geometry)', 'MATH10067(Honours Complex Variables)', 'MATH11205(Machine Learning in Python)']
Tutor Tutor 110 assigned to: ['MATH10099(Entrepreneurship in the Mathematical Sciences)', 'MATH08057(Introduction to Linear Algebra)', 'MBScS1(Maths Base Semester 1)', 'MBScS2(Maths Base Semester 2)']
Tutor Tutor 111 assigned to: ['MATH11175(Bayesian Data Analysis)', 'MATH11235(Differential Geometry)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH10069(Honours Algebra)', 'MATH11169(Quantu

m Information)', 'MATH08051_L(Statistics (Year 2) lab)']
Tutor Tutor 112 assigned to: ['MATH08057(Introduction to Linear Algebra)', 'MATH1
1188(Statistical Research Skills)']
Tutor Tutor 113 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / M
athematics for the Natural Sciences 1b)', 'MATH10003(Financial Mathematics)', 'MB
ScS2(Maths Base Semester 2)', 'MATH10098_Lab(Numerical Linear Algebra - Lab)', 'M
ATH10095(Statistical Methodology)', 'MATH10007(Stochastic Modelling)']
Tutor Tutor 116 assigned to: ['MATH11237(Category Theory)', 'MATH08074_MATH08072
(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH100
68_S(Honours Analysis - Skills)', 'MATH10067(Honours Complex Variables)', 'MATH11
207(Numerical Partial Differential Equations)']
Tutor Tutor 117 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / M
athematics for the Natural Sciences 1b)', 'MATH08064(Fundamentals of Pure Mathema
tics)', 'MATH10066(Honours Differential Equations)', 'MATH11028(Simulation)', 'MA
TH10095(Statistical Methodology)']
Tutor Tutor 118 assigned to: ['MATH08064(Fundamentals of Pure Mathematics)']
Tutor Tutor 119 assigned to: ['MATH10065(Fundamentals of Operational Research)',
'MATH08064(Fundamentals of Pure Mathematics)', 'MBScS2(Maths Base Semester 2)']
Tutor Tutor 120 assigned to: ['MATH10106(Classical Mechanics for Mathematician
s)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natura
l Sciences 1b)', 'MATH10069_S(Honours Algebra - Skills)', 'MATH10068_S(Honours An
alysis - Skills)', 'MBScS1(Maths Base Semester 1)', 'MBScS2(Maths Base Semester
2)']
Tutor Tutor 121 assigned to: ['MATH11111(Fundamentals of Optimization)', 'MATH080
64(Fundamentals of Pure Mathematics)', 'MATH10069(Honours Algebra)', 'MATH08057(I
ntroduction to Linear Algebra)', 'MBScS1(Maths Base Semester 1)', 'MATH11176(Stat
istical Programming/Extended Statistical Programming)', 'MATH11131(Time Series)']
Tutor Tutor 122 assigned to: ['MATH08062(Accelerated Algebra and Calculus for Dir
ect Entry)', 'MATH08065(Computing and Numerics)', 'MATH08064(Fundamentals of Pure
Mathematics)', 'MATH08057(Introduction to Linear Algebra)', 'MATH08063(Several Va
riable Calculus and Differential Equations)']
Tutor Tutor 123 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH08064(Fundamentals of Pure Mathema
tics)', 'MATH10069(Honours Algebra)', 'MATH11205(Machine Learning in Python)', 'M
ATH10101(Metric Spaces)', 'MATH08051_L(Statistics (Year 2) lab)']
Tutor Tutor 124 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH10067(Honours Complex Variables)',
'ProjS1(Projects total Semester 1)', 'MATH08051(Statistics (Year 2) workshop)']
Tutor Tutor 125 assigned to: ['MATH08064(Fundamentals of Pure Mathematics)', 'MAT
H08059(Proofs and Problem Solving)']
Tutor Tutor 126 assigned to: ['MATH11177(Bayesian Theory)', 'MATH08074_MATH08072
(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH100
03(Financial Mathematics)', 'MATH10069(Honours Algebra)', 'MATH10068(Honours Anal
ysis)', 'MBScS1(Maths Base Semester 1)', 'MATH10095(Statistical Methodology)']
Tutor Tutor 127 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathem
atics 1b / Mathematics for the Natural Sciences 1b)', 'MBScS1(Maths Base Semester
1)']
Tutor Tutor 128 assigned to: ['MATH08077(Introduction to Data Science)', 'MBScS1
(Maths Base Semester 1)', 'MBScS2(Maths Base Semester 2)', 'MATH10101(Metric Spac
es)']
Tutor Tutor 129 assigned to: ['MBScS1(Maths Base Semester 1)', 'SabS1(Sabbatical
- Semester 1)']
Tutor Tutor 130 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH08064(Fundamentals of Pure Mathema
tics)', 'MBScS1(Maths Base Semester 1)', 'MATH10064(Multivariate Data Analysis)',
'MATH10007(Stochastic Modelling)']
Tutor Tutor 132 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH10
067_S(Honours Complex Variables - Skills)', 'MATH11207(Numerical Partial Differen
tial Equations)', 'MATH08059(Proofs and Problem Solving)']

Tutor Tutor 133 assigned to: ['MATH10065(Fundamentals of Operational Research)', 'MATH10068_S(Honours Analysis - Skills)', 'MATH08059(Proofs and Problem Solvin g)']
Tutor Tutor 134 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / M athematics for the Natural Sciences 1b)', 'MATH10069_S(Honours Algebra - Skill s)', 'MATH10066(Honours Differential Equations)', 'MATH08057(Introduction to Line ar Algebra)', 'MATH11142(Modern Methods in Geometry and Topology)']
Tutor Tutor 135 assigned to: ['MATH11132(Financial Risk Theory)', 'MATH08051(Stat istics (Year 2) workshop)']
Tutor Tutor 137 assigned to: ['MATH11204(Probability and Statistics)']
Tutor Tutor 138 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / M athematics for the Natural Sciences 1b)', 'MATH10064(Multivariate Data Analysi s)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 139 assigned to: ['MATH11177(Bayesian Theory)', 'MATH10067(Honours Co mplex Variables)', 'MATH08077(Introduction to Data Science)', 'MATH10013(Mathemat ical Biology)', 'MATH08063(Several Variable Calculus and Differential Equation s)', 'MATH10095(Statistical Methodology)', 'MATH11099(Mathematical Biology and Ph ysiology)']
Tutor Tutor 140 assigned to: ['MATH10067_S(Honours Complex Variables - Skills)', 'MATH10066(Honours Differential Equations)', 'MATH08059(Proofs and Problem Solvin g)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 141 assigned to: ['MATH10074(Geometry)', 'MBScS2(Maths Base Semester 2)', 'MATH08059(Proofs and Problem Solving)', 'MATH08051(Statistics (Year 2) work shop)']
Tutor Tutor 142 assigned to: ['MATH08062(Accelerated Algebra and Calculus for Dir ect Entry)', 'MATH10053_Lab(Applied Stochastic Differential Equations - Lab)', 'M ATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Scien ces 1a)', 'MATH08057(Introduction to Linear Algebra)', 'MBScS2(Maths Base Semeste r 2)', 'MATH08059(Proofs and Problem Solving)', 'MATH11188(Statistical Research S kills)']
Tutor Tutor 144 assigned to: ['MATH11205(Machine Learning in Python)', 'MATH10095 (Statistical Methodology)']
Tutor Tutor 146 assigned to: ['MATH10053(Applied Stochastic Differential Equation s)', 'MATH10106(Classical Mechanics for Mathematicians)', 'MATH10051(Fourier Anal ysis)', 'MATH10065(Fundamentals of Operational Research)', 'MATH11187(Generalised Regression Models)', 'MATH08057(Introduction to Linear Algebra)']
Tutor Tutor 147 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08 057(Introduction to Linear Algebra)', 'MBScS1(Maths Base Semester 1)', 'MBScS2(Ma ths Base Semester 2)']
Tutor Tutor 148 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / M athematics for the Natural Sciences 1b)', 'MATH10073_CL(Linear Programming, Model ling and Solution - Computer Lab)', 'MSc_BaseS2(MSc Base - Semester 2)']
Tutor Tutor 149 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M athematics for the Natural Sciences 1a)', 'MATH10069_S(Honours Algebra - Skill s)', 'MATH10098_Lab(Numerical Linear Algebra - Lab)', 'MATH11176(Statistical Prog ramming/Extended Statistical Programming)']
Tutor Tutor 150 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08 074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1 a)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natura l Sciences 1b)', 'MATH10065(Fundamentals of Operational Research)', 'MATH11199(Py thon Programming)', 'MATH08063(Several Variable Calculus and Differential Equatio ns)']
Tutor Tutor 151 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH11 237(Category Theory)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathemat ics for the Natural Sciences 1a)', 'MATH10073(Linear Programming, Modelling and S olution)', 'MBScS1(Maths Base Semester 1)']
Tutor Tutor 153 assigned to: ['MATH10073_CL(Linear Programming, Modelling and Sol ution - Computer Lab)', 'MATH11205(Machine Learning in Python)']
Tutor Tutor 154 assigned to: ['MATH11205(Machine Learning in Python)', 'MBScS1(Ma ths Base Semester 1)', 'MATH11188(Statistical Research Skills)']

Tutor Tutor 155 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH11185(Incomplete Data Analysis)', 'MBScS1(Maths Base Semester 1)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 156 assigned to: ['MATH11235(Differential Geometry)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH10066_S(Honours Differential Equations - Skills)', 'MBScS2(Maths Base Semester 2)', 'MATH08063(Several Variable Calculus and Differential Equations)', 'MATH10093(Statistical Computing)']
Tutor Tutor 157 assigned to: ['MATH08058(Calculus and its Applications)']
Tutor Tutor 158 assigned to: ['MATH11230(Biostatistics)', 'MATH08058(Calculus and its Applications)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10071(Introduction to Number Theory)', 'MATH10024(Probability, Measure & Finance)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 159 assigned to: ['MATH08077(Introduction to Data Science)', 'MBScS2(Maths Base Semester 2)', 'MATH10098(Numerical Linear Algebra)', 'MATH08059(Proofs and Problem Solving)', 'MATH10028(Theory of Statistical Inference)']
Tutor Tutor 162 assigned to: ['MATH10069(Honours Algebra)', 'MATH10068(Honours Analysis)']
Tutor Tutor 163 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH08068(Facets of Mathematics)', 'MATH10065(Fundamentals of Operational Research)', 'MATH10074(Geometry)', 'MATH11138(Geometry of General Relativity)', 'MATH10069(Honours Algebra)']
Tutor Tutor 164 assigned to: ['MATH11175(Bayesian Data Analysis)', 'MATH10017(Commutative Algebra)', 'MBScS1(Maths Base Semester 1)', 'MBScS2(Maths Base Semester 2)', 'MATH08063(Several Variable Calculus and Differential Equations)', 'MATH10007(Stochastic Modelling)']
Tutor Tutor 165 assigned to: ['MATH10003(Financial Mathematics)', 'MATH08057(Introduction to Linear Algebra)', 'MBScS2(Maths Base Semester 2)', 'MATH08059(Proofs and Problem Solving)', 'MATH11157(Risk-Neutral Asset Pricing)']
Tutor Tutor 166 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH10067(Honours Complex Variables)', 'MATH11199(Python Programming)', 'MATH10095(Statistical Methodology)']
Tutor Tutor 167 assigned to: ['MATH10065(Fundamentals of Operational Research)', 'MATH11158(Optimization Methods in Finance)', 'MATH11199(Python Programming)', 'MATH08051_L(Statistics (Year 2) lab)']
Tutor Tutor 168 assigned to: ['MATH10076(General Topology)']
Tutor Tutor 169 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH10067(Honours Complex Variables)', 'MATH10067_S(Honours Complex Variables - Skills)', 'MATH10066_S(Honours Differential Equations - Skills)', 'MATH11028(Simulation)']
Tutor Tutor 170 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH11205(Machine Learning in Python)', 'MBScS2(Maths Base Semester 2)', 'MATH11007(Methodology, Modelling and Consulting Skills)']
Tutor Tutor 171 assigned to: ['MATH11192(Integer and Combinatorial Optimization)', 'MATH10095(Statistical Methodology)']
Tutor Tutor 172 assigned to: ['MBScS2(Maths Base Semester 2)']
Tutor Tutor 173 assigned to: ['MATH08062(Accelerated Algebra and Calculus for Direct Entry)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH11111(Fundamentals of Optimization)', 'MATH10074(Geometry)', 'MBScS1(Maths Base Semester 1)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 175 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10066(Honours Differential Equations)', 'MATH08059(Proofs and Problem S

olving)', 'MATH10095(Statistical Methodology)']
Tutor Tutor 176 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH11192(Integer and Combinatorial Optimization)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 177 assigned to: ['MATH10068_S(Honours Analysis - Skills)', 'MATH10071(Introduction to Number Theory)']
Tutor Tutor 178 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH10068(Honours Analysis)', 'MATH10060(Numerical Ordinary Differential Equations and Applications)']
Tutor Tutor 179 assigned to: ['MATH10086(Advanced Methods of Applied Mathematics)', 'MATH08058(Calculus and its Applications)', 'MATH10003(Financial Mathematics)', 'MATH10066_S(Honours Differential Equations - Skills)', 'MATH10007(Stochastic Modelling)']
Tutor Tutor 180 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH11138(Geometry of General Relativity)', 'MATH08057(Introduction to Linear Algebra)', 'MATH11147_CL(Large Scale Optimization for Data Science - Computer Lab)', 'MBScS1(Maths Base Semester 1)', 'MATH11176(Statistical Programming/Extended Statistical Programming)', 'MATH08051(Statistics (Year 2) workshop)']
Tutor Tutor 183 assigned to: ['MATH11140(Applied Dynamical Systems)', 'MATH08065(Computing and Numerics)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH10065(Fundamentals of Operational Research)', 'MATH10067_S(Honours Complex Variables - Skills)', 'MATH08066(Probability)']
Tutor Tutor 184 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10074(Geometry)', 'MATH08057(Introduction to Linear Algebra)']
Tutor Tutor 185 assigned to: ['MATH11187(Generalised Regression Models)', 'MATH08057(Introduction to Linear Algebra)', 'MBScS2(Maths Base Semester 2)', 'MATH10064(Multivariate Data Analysis)']
Tutor Tutor 188 assigned to: ['MATH08065(Computing and Numerics)', 'MATH08064(Fundamentals of Pure Mathematics)', 'MATH10068(Honours Analysis)', 'MATH08057(Introduction to Linear Algebra)', 'MATH11205(Machine Learning in Python)', 'MBScS1(Maths Base Semester 1)', 'MBScS2(Maths Base Semester 2)']
Tutor Tutor 189 assigned to: ['MATH10066(Honours Differential Equations)', 'MATH10066_S(Honours Differential Equations - Skills)', 'MATH11185(Incomplete Data Analysis)', 'MATH08057(Introduction to Linear Algebra)', 'MATH11147_CL(Large Scale Optimization for Data Science - Computer Lab)', 'MBScS1(Maths Base Semester 1)']
Tutor Tutor 191 assigned to: ['MATH10066(Honours Differential Equations)']
Tutor Tutor 192 assigned to: ['MATH10003(Financial Mathematics)', 'MATH11185(Incomplete Data Analysis)', 'MATH08057(Introduction to Linear Algebra)']
Tutor Tutor 193 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH08068(Facets of Mathematics)', 'MATH08051(Statistics (Year 2) workshop)']
Tutor Tutor 194 assigned to: ['MATH10069_S(Honours Algebra - Skills)', 'MATH10066(Honours Differential Equations)', 'MATH08057(Introduction to Linear Algebra)']
Tutor Tutor 195 assigned to: ['MATH11177(Bayesian Theory)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10069_S(Honours Algebra - Skills)', 'MATH08057(Introduction to Linear Algebra)', 'MATH08051_L(Statistics (Year 2) lab)']
Tutor Tutor 197 assigned to: ['MATH10086(Advanced Methods of Applied Mathematics)', 'MATH08057(Introduction to Linear Algebra)', 'MATH10071(Introduction to Number Theory)']
Tutor Tutor 198 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH10065(Fundamentals of Operational Research)', 'MATH10067(Honours Complex Variables)', 'MATH10066(Honours Differential Equations)', 'MATH08057(Introduction to Linear Algebra)', 'MATH11193(Operational Research in the Energy Industry)', 'MATH11176(Statistical Programming/Extended Statistical Programming)']
Tutor Tutor 199 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10066_S(Honours Differential Equat

ions - Skills)', 'MATH08077(Introduction to Data Science)']
Tutor Tutor 200 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10074(Geometry)', 'MBScS2(Maths Base Semester 2)', 'MATH11202(Numerical Probability and Monte Carlo)', 'MATH11176(Statistical Programming/Extended Statistical Programming)']
Tutor Tutor 201 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH07003(Fundamentals of Algebra and Calculus)', 'MATH10066_S(Honours Differential Equations - Skills)', 'MATH08057(Introduction to Linear Algebra)', 'MBScS1(Maths Base Semester 1)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 203 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH10067_S(Honours Complex Variables - Skills)', 'MATH10095(Statistical Methodology)']
Tutor Tutor 204 assigned to: ['MATH10076(General Topology)', 'MATH10095(Statistical Methodology)']
Tutor Tutor 205 assigned to: ['MATH10003(Financial Mathematics)', 'MATH07003(Fundamentals of Algebra and Calculus)', 'MBScS1(Maths Base Semester 1)', 'MATH08066(Probability)', 'SabS2(Sabbatical - Semester 2)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 206 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH08057(Introduction to Linear Algebra)', 'MBScS2(Maths Base Semester 2)', 'MATH08051_L(Statistics (Year 2) lab)']
Tutor Tutor 208 assigned to: ['MATH11153(Discrete-Time Finance)', 'MATH10067(Honours Complex Variables)', 'MATH10067_S(Honours Complex Variables - Skills)', 'MATH10073_CL(Linear Programming, Modelling and Solution - Computer Lab)', 'MATH10098_Lab(Numerical Linear Algebra - Lab)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 209 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH08059(Proofs and Problem Solving)', 'MATH11199(Python Programming)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 210 assigned to: ['MATH11230(Biostatistics)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH10068(Honours Analysis)', 'MATH10095(Statistical Methodology)', 'MATH08051(Statistics (Year 2) workshop)']
Tutor Tutor 211 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08057(Introduction to Linear Algebra)']
Tutor Tutor 212 assigned to: ['MATH10100(Introduction to Partial Differential Equations)', 'MATH10071(Introduction to Number Theory)', 'MATH11199(Python Programming)', 'MATH00006(Homological Algebra)']
Tutor Tutor 213 assigned to: ['MATH11140(Applied Dynamical Systems)', 'MATH08068(Facets of Mathematics)', 'MATH10003(Financial Mathematics)', 'MATH10067_S(Honours Complex Variables - Skills)', 'MATH00002(Regression and Simulation Methods)']
Tutor Tutor 214 assigned to: ['MATH11148(Credit Scoring)', 'MATH10069(Honours Algebra)', 'MATH11244(Nonlinear Optimization)', 'MATH11150(Stochastic Control and Dynamic Asset Allocation)']
Tutor Tutor 215 assigned to: ['MATH11153(Discrete-Time Finance)', 'MATH10068_S(Honours Analysis - Skills)', 'MATH10067_S(Honours Complex Variables - Skills)', 'MATH10098(Numerical Linear Algebra)', 'MATH10093(Statistical Computing)']
Tutor Tutor 220 assigned to: ['MATH08058(Calculus and its Applications)']
Tutor Tutor 221 assigned to: ['MATH10069(Honours Algebra)', 'MBScS1(Maths Base Semester 1)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 222 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH08068(Facets of Mathematics)', 'MATH10069(Honours Algebra)']
Tutor Tutor 223 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH10067(Honours Complex Variables)', 'MATH10066(Honours Differential Equations)', 'MATH10071(Introduction to Number Theory)', 'MBScS1(Maths Base Semester 1)', 'MBScS2(Maths Base Semester 2)']
Tutor Tutor 226 assigned to: ['MATH10086(Advanced Methods of Applied Mathematic

s)', 'MATH10096(Applied Statistics)', 'MATH11230(Biostatistics)', 'MATH08065(Computing and Numerics)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10069(Honours Algebra)', 'MBScS2(Maths Base Semester 2)']
Tutor Tutor 227 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH11237(Category Theory)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH08057(Introduction to Linear Algebra)', 'MATH10071(Introduction to Number Theory)']
Tutor Tutor 228 assigned to: ['MATH10096(Applied Statistics)', 'MATH10065(Fundamentals of Operational Research)', 'MATH10068(Honours Analysis)', 'MATH08077(Introduction to Data Science)', 'MATH11142(Modern Methods in Geometry and Topology)', 'MATH10064(Multivariate Data Analysis)', 'MATH08066(Probability)', 'MATH08051_L(Statistics (Year 2) lab)']
Tutor Tutor 229 assigned to: ['MATH10072(Combinatorics and Graph Theory)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 231 assigned to: ['MATH08077(Introduction to Data Science)', 'MATH10071(Introduction to Number Theory)', 'MBScS1(Maths Base Semester 1)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 232 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH10003(Financial Mathematics)', 'MATH10069(Honours Algebra)', 'MATH11147(Large Scale Optimization for Data Science)', 'MATH10010(Mathematical Education)', 'MATH10064(Multivariate Data Analysis)', 'MATH08059(Proofs and Problem Solving)', 'MATH10102(Statistical Case Studies)', 'MATH11131(Time Series)']
Tutor Tutor 233 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10069(Honours Algebra)']
Tutor Tutor 235 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH08066(Probability)']
Tutor Tutor 236 assigned to: ['MATH11177(Bayesian Theory)', 'MATH10068_S(Honours Analysis - Skills)', 'MBScS1(Maths Base Semester 1)', 'MATH08051_L(Statistics (Year 2) lab)', 'MATH11029(Stochastic Modelling OR)']
Tutor Tutor 237 assigned to: ['MATH11111(Fundamentals of Optimization)', 'MATH08077(Introduction to Data Science)', 'MATH08057(Introduction to Linear Algebra)', 'MATH10071(Introduction to Number Theory)', 'MATH11205(Machine Learning in Python)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 238 assigned to: ['MATH10066_S(Honours Differential Equations - Skills)', 'MATH10098_Lab(Numerical Linear Algebra - Lab)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 242 assigned to: ['MATH08064(Fundamentals of Pure Mathematics)', 'MATH10069_S(Honours Algebra - Skills)', 'MBScS2(Maths Base Semester 2)', 'MATH11157(Risk-Neutral Asset Pricing)', 'MATH08063(Several Variable Calculus and Differential Equations)', 'MATH10095(Statistical Methodology)']
Tutor Tutor 243 assigned to: ['MATH08065(Computing and Numerics)', 'MATH08068(Facets of Mathematics)', 'MATH10065(Fundamentals of Operational Research)', 'MATH10068(Honours Analysis)', 'MATH10064(Multivariate Data Analysis)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 244 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH11205(Machine Learning in Python)', 'MATH11007(Methodology, Modelling and Consulting Skills)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 245 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH08064(Fundamentals of Pure Mathematics)', 'MATH10066_S(Honours Differential Equations - Skills)']
Tutor Tutor 246 assigned to: ['MATH08065(Computing and Numerics)', 'MATH10065(Fundamentals of Operational Research)', 'MATH11111(Fundamentals of Optimization)']
Tutor Tutor 247 assigned to: ['MATH10067_S(Honours Complex Variables - Skills)', 'MATH10066(Honours Differential Equations)', 'MATH11053(Introduction to Lie Group

s)', 'MBScS1(Maths Base Semester 1)', 'MATH10093(Statistical Computing)', 'MATH11
029(Stochastic Modelling OR)']
Tutor Tutor 248 assigned to: ['MATH08064(Fundamentals of Pure Mathematics)', 'MAT
H10069_S(Honours Algebra - Skills)', 'MATH11203(Introductory Probability and Stat
istics)', 'MATH10064(Multivariate Data Analysis)', 'MATH10060(Numerical Ordinary
Differential Equations and Applications)', 'MATH08059(Proofs and Problem Solvin
g)']
Tutor Tutor 249 assigned to: ['MATH10096(Applied Statistics)', 'MATH10053(Applied
Stochastic Differential Equations)', 'MATH11187(Generalised Regression Models)',
'MATH11231(Industrial Mathematics)']
Tutor Tutor 250 assigned to: ['MATH08066(Probability)', 'MATH10095(Statistical Me
thodology)', 'MATH00005(Hopf Algebras)']
Tutor Tutor 252 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08
068(Facets of Mathematics)', 'MATH10073_CL(Linear Programming, Modelling and Solu
tion - Computer Lab)', 'MATH10010(Mathematical Education)', 'MATH10095(Statistica
l Methodology)', 'MATH08051_L(Statistics (Year 2) lab)']
Tutor Tutor 253 assigned to: ['MATH08071(Accelerated Proofs and Problem Solvin
g)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natura
l Sciences 1a)', 'MATH10067_S(Honours Complex Variables - Skills)', 'MATH11205(Ma
chine Learning in Python)', 'MATH10098(Numerical Linear Algebra)', 'MATH10095(Sta
tistical Methodology)']
Tutor Tutor 254 assigned to: ['MATH11177(Bayesian Theory)', 'MATH08058(Calculus a
nd its Applications)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathemat
ics for the Natural Sciences 1b)', 'MATH10010(Mathematical Education)', 'MBScS2(M
aths Base Semester 2)']
Tutor Tutor 256 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08
066(Probability)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 257 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH10068_S(Honours Analysis - Skill
s)', 'MATH11190(Risk and Logistics)']
Tutor Tutor 259 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH11
235(Differential Geometry)', 'MATH08064(Fundamentals of Pure Mathematics)', 'MATH
08066(Probability)', 'MATH08063(Several Variable Calculus and Differential Equati
ons)']
Tutor Tutor 260 assigned to: ['MATH10069_S(Honours Algebra - Skills)', 'MATH10093
(Statistical Computing)', 'MATH08051(Statistics (Year 2) workshop)', 'MATH11107(A
lgebraic Geometry - SMSTC)', 'MATH11102(Numerical Methods)']
Tutor Tutor 261 assigned to: ['MATH10096(Applied Statistics)', 'MATH08075_MATH080
73(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH1
0065(Fundamentals of Operational Research)', 'MATH10067_S(Honours Complex Variabl
es - Skills)', 'MATH08057(Introduction to Linear Algebra)', 'MATH10064(Multivaria
te Data Analysis)', 'MATH11240(Numerical Methods for Data)']
Tutor Tutor 262 assigned to: ['MATH08077(Introduction to Data Science)', 'MATH080
51(Statistics (Year 2) workshop)']
Tutor Tutor 263 assigned to: ['MATH10060(Numerical Ordinary Differential Equation
s and Applications)']
Tutor Tutor 264 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / M
athematics for the Natural Sciences 1b)', 'MATH10093(Statistical Computing)']
Tutor Tutor 265 assigned to: ['MATH08064(Fundamentals of Pure Mathematics)', 'MAT
H10066(Honours Differential Equations)', 'MATH08057(Introduction to Linear Algebr
a)', 'MATH10010(Mathematical Education)', 'MBScS2(Maths Base Semester 2)', 'MATH0
8063(Several Variable Calculus and Differential Equations)', 'MATH10093(Statistic
al Computing)', 'MATH11029(Stochastic Modelling OR)']
Tutor Tutor 266 assigned to: ['MATH10066(Honours Differential Equations)', 'MBScS
1(Maths Base Semester 1)', 'MBScS2(Maths Base Semester 2)', 'MATH10098_Lab(Numeri
cal Linear Algebra - Lab)', 'MATH08059(Proofs and Problem Solving)', 'MATH10007(S
tochastic Modelling)']
Tutor Tutor 268 assigned to: ['MATH11120(Algebraic Geometry)', 'MATH11140(Applied
Dynamical Systems)', 'MATH10068(Honours Analysis)', 'MATH10082(Linear Analysis)']
Tutor Tutor 269 assigned to: ['MATH08064(Fundamentals of Pure Mathematics)', 'MAT

H08059(Proofs and Problem Solving)', 'MATH10028(Theory of Statistical Inferenc
e)']
Tutor Tutor 270 assigned to: ['MATH10066_S(Honours Differential Equations - Skill
s)', 'MATH11131(Time Series)']
Tutor Tutor 272 assigned to: ['MATH08071(Accelerated Proofs and Problem Solvin
g)', 'MATH08058(Calculus and its Applications)', 'MATH08075_MATH08073(Engineering
Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10098(Numerical
Linear Algebra)', 'MATH08066(Probability)']
Tutor Tutor 273 assigned to: ['MATH10053(Applied Stochastic Differential Equation
s)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natura
l Sciences 1b)', 'MATH10064(Multivariate Data Analysis)']
Tutor Tutor 274 assigned to: ['MATH08064(Fundamentals of Pure Mathematics)', 'MAT
H10069_S(Honours Algebra - Skills)', 'MATH11205(Machine Learning in Python)']
Tutor Tutor 275 assigned to: ['MATH08062(Accelerated Algebra and Calculus for Dir
ect Entry)', 'MBScS1(Maths Base Semester 1)', 'MATH11207_CL(Numerical Partial Dif
ferential Equations - Comp Lab)', 'MATH11188(Statistical Research Skills)', 'MATH
10028(Theory of Statistical Inference)']
Tutor Tutor 276 assigned to: ['MATH08071(Accelerated Proofs and Problem Solvin
g)', 'MATH08064(Fundamentals of Pure Mathematics)', 'MATH10066(Honours Differenti
al Equations)', 'MATH08057(Introduction to Linear Algebra)', 'MBScS1(Maths Base S
emester 1)', 'MScRev(MSc Revision Session)', 'MATH10093(Statistical Computing)',
'MATH10095(Statistical Methodology)']
Tutor Tutor 277 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / M
athematics for the Natural Sciences 1b)', 'MATH10067(Honours Complex Variables)']
Tutor Tutor 278 assigned to: ['MATH10069_S(Honours Algebra - Skills)', 'MATH11028
(Simulation)']
Tutor Tutor 279 assigned to: ['MATH10053(Applied Stochastic Differential Equation
s)', 'MATH08058(Calculus and its Applications)', 'MATH08074_MATH08072(Engineering
Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH08064(Fundamenta
ls of Pure Mathematics)', 'MATH11185(Incomplete Data Analysis)', 'MATH08057(Intro
duction to Linear Algebra)', 'MATH10064(Multivariate Data Analysis)']
Tutor Tutor 281 assigned to: ['MATH10086(Advanced Methods of Applied Mathematic
s)', 'MATH08058(Calculus and its Applications)', 'MATH11111(Fundamentals of Optim
ization)', 'MATH10066(Honours Differential Equations)', 'MATH10060(Numerical Ordi
nary Differential Equations and Applications)', 'MATH08066(Probability)']
Tutor Tutor 282 assigned to: ['MATH11177(Bayesian Theory)', 'MATH08058(Calculus a
nd its Applications)', 'MATH08077(Introduction to Data Science)']
Tutor Tutor 283 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH10
066_S(Honours Differential Equations - Skills)', 'MATH11207_CL(Numerical Partial
Differential Equations - Comp Lab)']
Tutor Tutor 285 assigned to: ['MBScS1(Maths Base Semester 1)']
Tutor Tutor 286 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathem
atics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10066_S(Honours Differ
ential Equations - Skills)', 'MBScS2(Maths Base Semester 2)']
Tutor Tutor 287 assigned to: ['MATH10067_S(Honours Complex Variables - Skills)',
'MATH10095(Statistical Methodology)']
Tutor Tutor 288 assigned to: ['MATH11120(Algebraic Geometry)', 'MATH11177(Bayesia
n Theory)', 'MATH10067_S(Honours Complex Variables - Skills)', 'MBScS1(Maths Base
Semester 1)']
Tutor Tutor 290 assigned to: ['MATH08062(Accelerated Algebra and Calculus for Dir
ect Entry)', 'MATH11153(Discrete-Time Finance)', 'MATH08075_MATH08073(Engineering
Mathematics 1b / Mathematics for the Natural Sciences 1b)']
Tutor Tutor 291 assigned to: ['MBScS1(Maths Base Semester 1)', 'MATH11202(Numeric
al Probability and Monte Carlo)', 'MATH08066(Probability)']
Tutor Tutor 292 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH10065(Fundamentals of Operational
Research)', 'MATH10067(Honours Complex Variables)', 'MATH08077(Introduction to Da
ta Science)', 'MATH08057(Introduction to Linear Algebra)', 'MATH11180(Mathematics
in Action A)', 'MATH10095(Statistical Methodology)']

Tutor Tutor 293 assigned to: ['MATH11138(Geometry of General Relativity)', 'MATH0
8051_L(Statistics (Year 2) lab)']
Tutor Tutor 294 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH11147(Large Scale Optimization for
Data Science)']
Tutor Tutor 295 assigned to: ['MATH10053(Applied Stochastic Differential Equation
s)', 'MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natura
l Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics fo
r the Natural Sciences 1b)', 'MATH08066(Probability)', 'MATH08051(Statistics (Yea
r 2) workshop)']
Tutor Tutor 296 assigned to: ['MATH10079(Group Theory)', 'MATH11197(Research Skil
ls for Computational Applied Mathematics)', 'MATH11176(Statistical Programming/Ex
tended Statistical Programming)']
Tutor Tutor 298 assigned to: ['MATH10106(Classical Mechanics for Mathematician
s)', 'MATH11111(Fundamentals of Optimization)', 'MATH10068_S(Honours Analysis - S
kills)', 'MATH08059(Proofs and Problem Solving)', 'MATH10007(Stochastic Modellin
g)']
Tutor Tutor 299 assigned to: ['MATH10096(Applied Statistics)', 'MATH08065(Computi
ng and Numerics)', 'MATH08068(Facets of Mathematics)', 'MATH11154(Stochastic Anal
ysis in Finance)']
Tutor Tutor 300 assigned to: ['MATH08064(Fundamentals of Pure Mathematics)', 'MAT
H10066(Honours Differential Equations)', 'MATH10066_S(Honours Differential Equati
ons - Skills)', 'MATH08051_L(Statistics (Year 2) lab)']
Tutor Tutor 301 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / M
athematics for the Natural Sciences 1b)', 'MATH08057(Introduction to Linear Algeb
ra)', 'MBScS2(Maths Base Semester 2)', 'MATH08063(Several Variable Calculus and D
ifferential Equations)', 'MATH08051_L(Statistics (Year 2) lab)']
Tutor Tutor 302 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08
075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1
b)']
Tutor Tutor 303 assigned to: ['MATH10066_S(Honours Differential Equations - Skill
s)']
Tutor Tutor 304 assigned to: ['MATH10072(Combinatorics and Graph Theory)', 'MATH1
1187(Generalised Regression Models)', 'MATH08066(Probability)', 'MATH08063(Severa
l Variable Calculus and Differential Equations)']
Tutor Tutor 305 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathem
atics 1b / Mathematics for the Natural Sciences 1b)', 'MATH08064(Fundamentals of
Pure Mathematics)', 'MATH10068(Honours Analysis)', 'MATH08059(Proofs and Problem
Solving)', 'MATH11029(Stochastic Modelling OR)']
Tutor Tutor 306 assigned to: ['MATH11177(Bayesian Theory)', 'MATH10066(Honours Di
fferential Equations)', 'MATH08051_L(Statistics (Year 2) lab)', 'MATH11143(Topics
in Noncommutative Algebra)']
Tutor Tutor 307 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH10
069_S(Honours Algebra - Skills)', 'MATH10067(Honours Complex Variables)', 'MATH10
066(Honours Differential Equations)', 'MATH11158(Optimization Methods in Financ
e)']
Tutor Tutor 308 assigned to: ['MATH08065(Computing and Numerics)', 'MATH11111(Fun
damentals of Optimization)', 'MATH10068(Honours Analysis)', 'MATH10068_S(Honours
Analysis - Skills)', 'MATH10067(Honours Complex Variables)', 'MATH08059(Proofs an
d Problem Solving)', 'MATH10093(Statistical Computing)']
Tutor Tutor 309 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)']
Tutor Tutor 310 assigned to: ['MATH10073(Linear Programming, Modelling and Soluti
on)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 312 assigned to: ['MATH10053_Lab(Applied Stochastic Differential Equa
tions - Lab)', 'MATH11175(Bayesian Data Analysis)', 'MATH08058(Calculus and its A
pplications)', 'MATH10067(Honours Complex Variables)', 'MATH08057(Introduction to
Linear Algebra)', 'MATH10010(Mathematical Education)']
Tutor Tutor 313 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH10

072(Combinatorics and Graph Theory)', 'MATH10073(Linear Programming, Modelling an
d Solution)', 'MATH10098_Lab(Numerical Linear Algebra - Lab)', 'MATH11199(Python
Programming)', 'MATH11154(Stochastic Analysis in Finance)', 'MATH11106(Elliptic a
nd Parabolic PDEs)']
Tutor Tutor 314 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH10
065(Fundamentals of Operational Research)', 'MATH11180(Mathematics in Action A)',
'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 315 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH08059(Proofs and Problem Solvin
g)', 'MATH10095(Statistical Methodology)', 'MATH10007(Stochastic Modelling)']
Tutor Tutor 316 assigned to: ['MATH11188(Statistical Research Skills)']
Tutor Tutor 318 assigned to: ['MATH11177(Bayesian Theory)', 'MATH10067(Honours Co
mplex Variables)', 'MATH10060(Numerical Ordinary Differential Equations and Appli
cations)', 'MATH11158(Optimization Methods in Finance)', 'MATH08066(Probabilit
y)', 'MATH10095(Statistical Methodology)']
Tutor Tutor 319 assigned to: ['MATH11187(Generalised Regression Models)', 'MATH10
069_S(Honours Algebra - Skills)', 'MBScS2(Maths Base Semester 2)', 'MATH10098_Lab
(Numerical Linear Algebra - Lab)', 'MATH10093(Statistical Computing)', 'MATH11154
(Stochastic Analysis in Finance)']
Tutor Tutor 320 assigned to: ['MATH10068(Honours Analysis)', 'MATH11185(Incomplet
e Data Analysis)', 'MATH08057(Introduction to Linear Algebra)', 'MATH10098(Numeri
cal Linear Algebra)']
Tutor Tutor 321 assigned to: ['MATH10053_Lab(Applied Stochastic Differential Equa
tions - Lab)', 'MATH08058(Calculus and its Applications)', 'MATH11185(Incomplete
Data Analysis)', 'MATH11147_CL(Large Scale Optimization for Data Science - Comput
er Lab)', 'MATH10098(Numerical Linear Algebra)', 'MATH08051(Statistics (Year 2) w
orkshop)', 'MATH00000 (Foundations of Probability)']
Tutor Tutor 322 assigned to: ['MATH10013(Mathematical Biology)', 'MBScS1(Maths Ba
se Semester 1)', 'MATH08066(Probability)', 'MATH08059(Proofs and Problem Solvin
g)']
Tutor Tutor 323 assigned to: ['MATH10003(Financial Mathematics)', 'MATH10065(Fund
amentals of Operational Research)', 'MATH10067_S(Honours Complex Variables - Skil
ls)', 'MATH11147_CL(Large Scale Optimization for Data Science - Computer Lab)']
Tutor Tutor 324 assigned to: ['MATH11111(Fundamentals of Optimization)', 'MATH111
99(Python Programming)', 'MATH11029(Stochastic Modelling OR)']
Tutor Tutor 325 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathem
atics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10068(Honours Analysi
s)', 'MATH10010(Mathematical Education)', 'MATH10098(Numerical Linear Algebra)',
'MATH11229(Topics in Mathematical Physics B)']
Tutor Tutor 326 assigned to: ['MATH10065(Fundamentals of Operational Research)',
'MATH10066_S(Honours Differential Equations - Skills)']
Tutor Tutor 327 assigned to: ['MATH11235(Differential Geometry)', 'MATH08075_MATH
08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MA
TH11111(Fundamentals of Optimization)', 'MATH08064(Fundamentals of Pure Mathemati
cs)', 'MATH11205(Machine Learning in Python)', 'MATH08066(Probability)', 'MATH111
99(Python Programming)']
Tutor Tutor 329 assigned to: ['MATH10066(Honours Differential Equations)', 'MATH0
8057(Introduction to Linear Algebra)', 'MATH07004(Introductory Mathematics with A
pplications)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 331 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08
075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1
b)', 'MATH11187(Generalised Regression Models)', 'MATH10069(Honours Algebra)', 'M
ATH08057(Introduction to Linear Algebra)', 'MBScS1(Maths Base Semester 1)', 'MATH
11199(Python Programming)', '()']
Tutor Tutor 332 assigned to: ['MATH10067(Honours Complex Variables)', 'MATH10067_
S(Honours Complex Variables - Skills)', 'MATH08066(Probability)', 'MATH11199(Pyth
on Programming)']
Tutor Tutor 333 assigned to: ['MATH10067(Honours Complex Variables)', 'MATH10101
(Metric Spaces)', 'MATH10060(Numerical Ordinary Differential Equations and Applic

ations)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 334 assigned to: ['MATH08068(Facets of Mathematics)', 'MATH10066_S(Honours Differential Equations - Skills)', 'MATH08063(Several Variable Calculus and Differential Equations)']
Tutor Tutor 335 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH10101(Metric Spaces)']
Tutor Tutor 336 assigned to: ['MATH10072(Combinatorics and Graph Theory)', 'MATH10069(Honours Algebra)', 'MATH08057(Introduction to Linear Algebra)']
Tutor Tutor 338 assigned to: ['MATH08064(Fundamentals of Pure Mathematics)', 'MATH11185(Incomplete Data Analysis)', 'MBScS2(Maths Base Semester 2)', 'MATH08066(Probability)']
Tutor Tutor 339 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH10071(Introduction to Number Theory)', 'MATH10013(Mathematical Biology)', 'MBScS2(Maths Base Semester 2)', 'MATH08066(Probability)']
Tutor Tutor 340 assigned to: ['MATH10077(Algebraic Topology)', 'MATH10072(Combinatorics and Graph Theory)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MBScS1(Maths Base Semester 1)', 'MATH10101(Metric Spaces)', 'MATH10024(Probability, Measure & Finance)']
Tutor Tutor 341 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10066(Honours Differential Equations)', 'MATH08057(Introduction to Linear Algebra)', 'MATH10101(Metric Spaces)', 'MATH10098_Lab(Numerical Linear Algebra - Lab)', 'MATH11199(Python Programming)']
Tutor Tutor 342 assigned to: ['MATH10093(Statistical Computing)', 'MATH10007(Stochastic Modelling)']
Tutor Tutor 344 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH10067(Honours Complex Variables)', 'MATH10064(Multivariate Data Analysis)', 'MATH11158(Optimization Methods in Finance)', 'MATH11176(Statistical Programming/Extended Statistical Programming)', 'MATH08051_L(Statistics (Year 2) lab)']
Tutor Tutor 346 assigned to: ['MATH08071(Accelerated Proofs and Problem Solving)', 'MATH10065(Fundamentals of Operational Research)']
Tutor Tutor 347 assigned to: ['MATH11177(Bayesian Theory)', 'MATH11138(Geometry of General Relativity)', 'MBScS1(Maths Base Semester 1)', 'MATH11007(Methodology, Modelling and Consulting Skills)']
Tutor Tutor 348 assigned to: ['MATH08057(Introduction to Linear Algebra)', 'MATH11205(Machine Learning in Python)', 'MBScS1(Maths Base Semester 1)']
Tutor Tutor 349 assigned to: ['MATH11175(Bayesian Data Analysis)', 'MATH08064(Fundamentals of Pure Mathematics)', 'MATH10068_S(Honours Analysis - Skills)', 'MATH10067(Honours Complex Variables)', 'MATH08057(Introduction to Linear Algebra)', 'MATH10073_CL(Linear Programming, Modelling and Solution - Computer Lab)', 'MATH10098_Lab(Numerical Linear Algebra - Lab)', 'MATH08059(Proofs and Problem Solving)']
Tutor Tutor 350 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08057(Introduction to Linear Algebra)', 'MBScS1(Maths Base Semester 1)', 'MBScS2(Maths Base Semester 2)', 'MATH10098(Numerical Linear Algebra)']
Tutor Tutor 352 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / Mathematics for the Natural Sciences 1a)', 'MATH08057(Introduction to Linear Algebra)', 'MATH10095(Statistical Methodology)']
Tutor Tutor 354 assigned to: ['MATH08075_MATH08073(Engineering Mathematics 1b / Mathematics for the Natural Sciences 1b)', 'MATH08068(Facets of Mathematics)', 'MBScS1(Maths Base Semester 1)', 'MATH10098(Numerical Linear Algebra)', 'MATH11207_CL(Numerical Partial Differential Equations - Comp Lab)', 'MATH10007(Stochastic Modelling)']
Tutor Tutor 356 assigned to: ['MATH08065(Computing and Numerics)', 'MATH10099(Entrepreneurship in the Mathematical Sciences)', 'MATH10003(Financial Mathematics)', 'MATH08064(Fundamentals of Pure Mathematics)', 'MATH10068(Honours Analysis)', 'MBScS2(Maths Base Semester 2)', 'MATH10060(Numerical Ordinary Differential Equations and Applications)']
Tutor Tutor 358 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH10074(Geometry)', 'MATH10069_S(Honours Algebra - Skills)', 'MATH11176(Statistical P

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rogramming/Extended Statistical Programming)']
Tutor Tutor 360 assigned to: ['MATH08071(Accelerated Proofs and Problem Solvin
g)', 'MATH11175(Bayesian Data Analysis)', 'MATH11177(Bayesian Theory)', 'MATH1006
6_S(Honours Differential Equations - Skills)', 'MBScS2(Maths Base Semester 2)',
'MATH11028(Simulation)']
Tutor Tutor 362 assigned to: ['MBScS2(Maths Base Semester 2)', 'MATH10064(Multiva
riate Data Analysis)', 'MATH10093(Statistical Computing)', 'MATH10007(Stochastic
Modelling)']
Tutor Tutor 363 assigned to: ['MATH10098(Numerical Linear Algebra)', 'MATH08051_L
(Statistics (Year 2) lab)']
Tutor Tutor 364 assigned to: ['MATH10068_S(Honours Analysis - Skills)', 'MATH1006
7_S(Honours Complex Variables - Skills)', 'MATH08057(Introduction to Linear Algeb
ra)']
Tutor Tutor 365 assigned to: ['MATH11111(Fundamentals of Optimization)', 'MATH080
64(Fundamentals of Pure Mathematics)', 'MATH08077(Introduction to Data Science)',
'MATH11180(Mathematics in Action A)', 'MATH08051(Statistics (Year 2) workshop)']
Tutor Tutor 368 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH10067(Honours Complex Variables)',
'MATH08077(Introduction to Data Science)', 'MBScS1(Maths Base Semester 1)']
Tutor Tutor 369 assigned to: ['MATH08058(Calculus and its Applications)', 'MATH08
068(Facets of Mathematics)', 'MBScS2(Maths Base Semester 2)', 'MATH10095(Statisti
cal Methodology)']
Tutor Tutor 370 assigned to: ['MATH10067(Honours Complex Variables)', 'MATH08057
(Introduction to Linear Algebra)', 'MBScS1(Maths Base Semester 1)', 'MATH10064(Mu
ltivariate Data Analysis)', 'MATH11199(Python Programming)']
Tutor Tutor 371 assigned to: ['MATH08057(Introduction to Linear Algebra)']
Tutor Tutor 372 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH08075_MATH08073(Engineering Mathem
atics 1b / Mathematics for the Natural Sciences 1b)', 'MATH10079(Group Theory)',
'MATH11185(Incomplete Data Analysis)', 'MATH11231(Industrial Mathematics)', 'MATH
08057(Introduction to Linear Algebra)']
Tutor Tutor 376 assigned to: ['MATH08074_MATH08072(Engineering Mathematics 1a / M
athematics for the Natural Sciences 1a)', 'MATH10067(Honours Complex Variables)',
'MATH10073_CL(Linear Programming, Modelling and Solution - Computer Lab)', 'MATH1
0064(Multivariate Data Analysis)', 'MATH11154(Stochastic Analysis in Finance)']
Tutor Tutor 378 assigned to: ['MATH10096(Applied Statistics)', 'MATH08058(Calculu
s and its Applications)', 'MATH08077(Introduction to Data Science)', 'MBScS2(Math
s Base Semester 2)', 'MATH11207_CL(Numerical Partial Differential Equations - Com
p Lab)', 'MATH10093(Statistical Computing)']
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In [ ]: