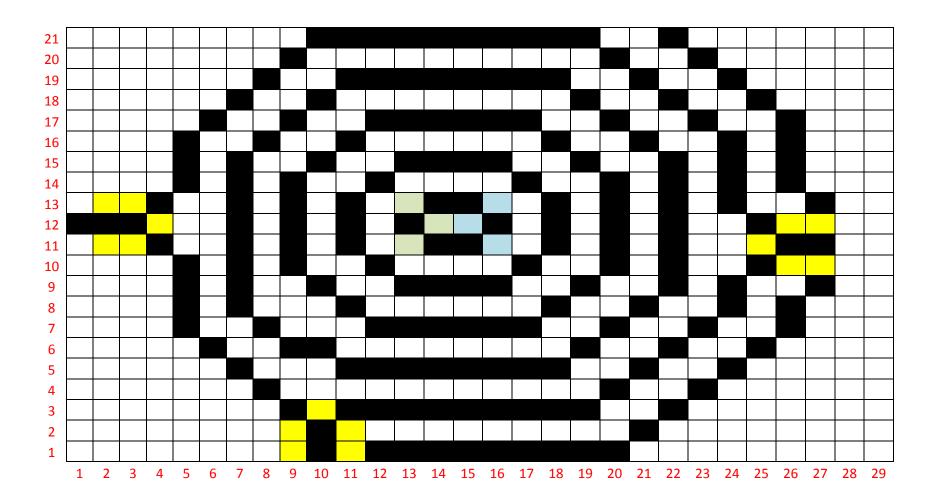


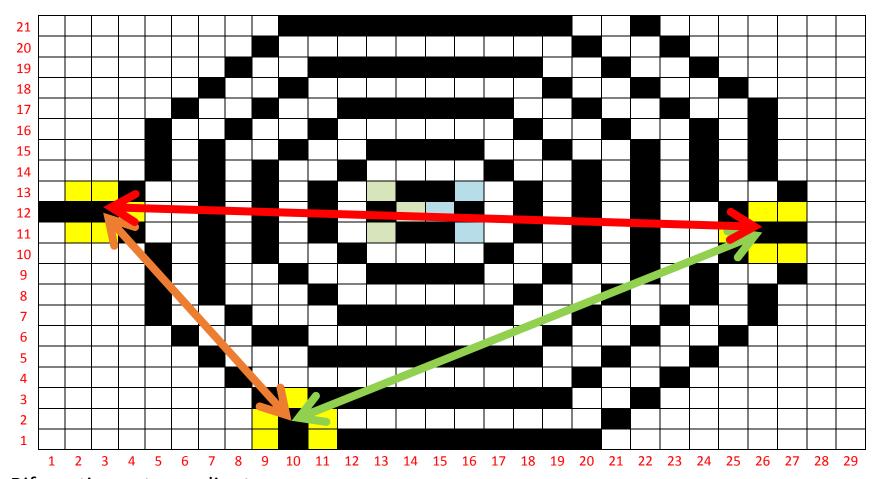


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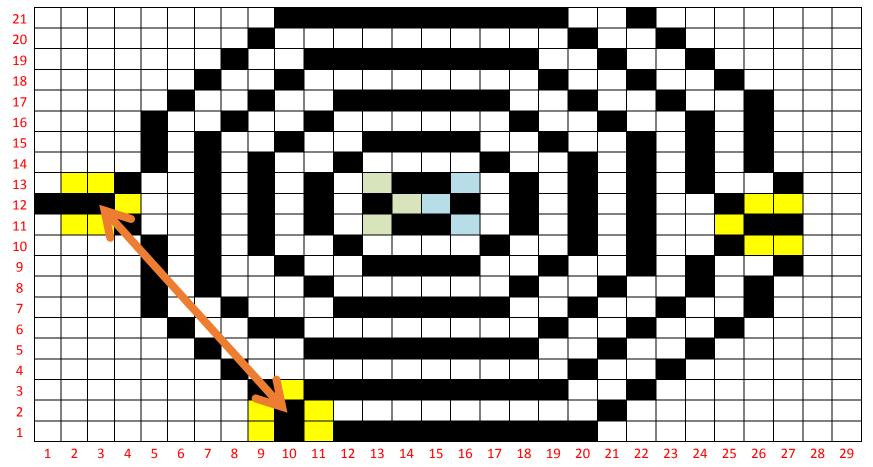
Three bifurcations at coordinates:

(3;12), (10;2)and (26;11)



Bifurcations at coordinates:

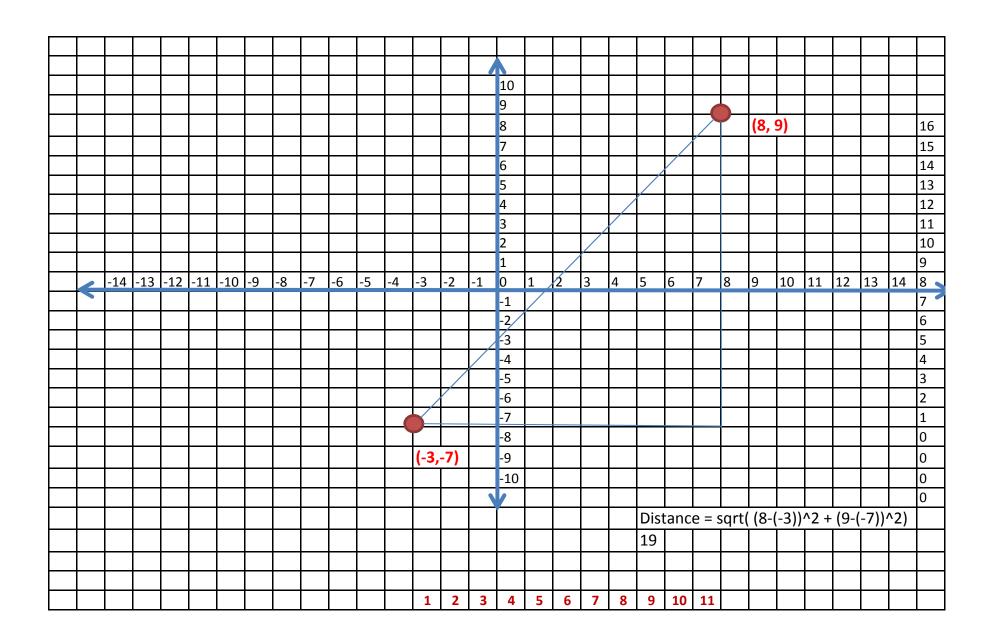
(3;12), (10;2) and (26;11). Distance between (3;12) and (10;2)?



Distance between (3;12) and (10;2)?

Distance =
$$sqrt((x_2-x_1)^2 + (y_2-y_1)^2)$$

= $sqrt((10-3)^2 + (2-12)^2) = sqrt((7)^2 + (-10)^2) = sqrt((49 + 100)) = sqrt((149)) = 12.207$



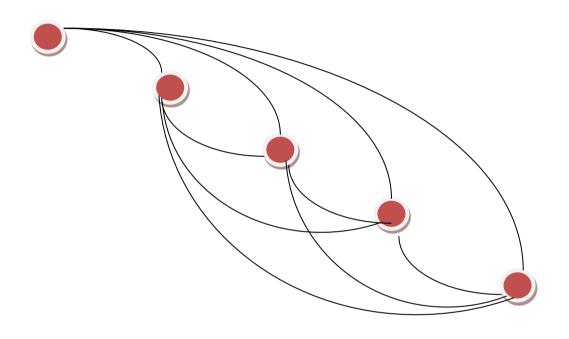
Coordinates	Bifurcations		x1 y	y1	xk	yk	Distance	X	2 y3	х3	у3	Distance			
	X	У			k=2	2, 3									
1	1	2	1	2	3	5	3.6056	3	5	4	2	3.1623			
2	3	5	1	2	4	2	3.0000						_		
3	4	2				-	6.6056	units			_	3.1623	Total distance	9.7678	
_						=					=		=		

Coordinates	Bifurca	Bifurcations		Bifurcations		ations x1 y1 xk		yk	Distance	x2 y2 x3 y3	Distance		
	X	У					2, 3						
1	4	4		4 4	1	6	7	3.6056	6 7 7 4	3.1623			
2	6	7		4 4	1	7	4	3.0000					
3	7	4						6.6056	units	3.1623	Total distance	9.7678	
							:		=				

Number of coordinates: 4

How many distances are there in the case of 4 sets of coordinates?

Distances between 4 coordinates



How can this be implemented if there are 150 sets of coordinates



```
/**
* Display the number of distances to be calculated for n number of
coordinates
 *
*/
public class DisplayNoOfDistances
   public static void main(String[] args)
   int n = 5;
  int noOfDistances = 0;
  for (int i=0; i<n-1; i+
   { for (int j=i+1; j<n; j++)</pre>
          noOfDistances++;
           System.out.println("From coordinate number "+i+" to
coordinate number "+i);
   System.out.println("Total number of distances : "+noOfDistances);
```

Output:

```
From coordinate number 0 to coordinate number 1
From coordinate number 0 to coordinate number 2
From coordinate number 0 to coordinate number 3
From coordinate number 0 to coordinate number 4
From coordinate number 1 to coordinate number 2
From coordinate number 1 to coordinate number 3
From coordinate number 1 to coordinate number 4
From coordinate number 2 to coordinate number 3
From coordinate number 2 to coordinate number 4
From coordinate number 3 to coordinate number 4
Total number of distances: 10
```

Year	Faculty	Departme nt	Module	CalGroup	Activity	Group	Day	Period	Building	BuildingN ame	Room	Alloc	Capacity	Max
2014	SCI	EARTH SCIE	APG231	SEM 1	Lecture	1	MON	2	7	LECTURE H	C9	0	180	120
2014	SCI	EARTH SCIE	APG231	SEM 1	Lecture	1	TUE	2	15	PREFABS	ОС	0	120	120
2014	SCI	EARTH SCIE	APG231	SEM 1	Lecture	1	WED	2	10	LECTURE H	SC8	0	130	120
2014	SCI	EARTH SCIE	APG231	SEM 1	Practical	1	TUE	5	4	OLD ARTS	L3	0	60	120
2014	SCI	EARTH SCIE	APG231	SEM 1	Practical	1	TUE	6	4	OLD ARTS	L3	0	60	120
2014	SCI	EARTH SCIE	APG231	SEM 1	Practical	2	TUE	5	4	OLD ARTS	L7	0	60	60
2014	SCI	EARTH SCIE	APG231	SEM 1	Practical	2	TUE	6	4	OLD ARTS	L7	0	60	60
2014	SCI	EARTH SCIE	APG231	SEM 1	Practical	3	FRI	3	4	OLD ARTS	L3	0	60	60
2014	SCI	EARTH SCIE	APG231	SEM 1	Practical	3	FRI	4	4	OLD ARTS	L3	0	60	60
2014	SCI	EARTH SCIE	APG232	SEM 2	Lecture	1	MON	2	6	LECTURE H	B4	0	130	110
2014	SCI	EARTH SCIE	APG232	SEM 2	Lecture	1	TUE	3	17	DENTISTRY	D13	0	110	110
2014	SCI	EARTH SCIE	APG232	SEM 2	Practical	1	TUE	5	4	OLD ARTS	L3	0	60	60
2014	SCI	EARTH SCIE	APG232	SEM 2	Practical	1	TUE	6	4	OLD ARTS	L3	0	60	60
2014	SCI	EARTH SCIE	APG232	SEM 2	Practical	2	FRI	2	29	LIFE SCIENC	B1	0	110	110
2014	SCI	EARTH SCIE	APG232	SEM 2	Practical	2	FRI	3	29	LIFE SCIENC	B1	0	110	110
2014	SCI	EARTH SCIE	APG232	SEM 2	Practical	2	FRI	4	29	LIFE SCIENC	B1	0	110	110
2014	SCI	EARTH SCIE	APG232	SEM 2	Practical	3	FRI	2	4	OLD ARTS	L3	0	60	60
2014	SCI	EARTH SCIE	APG232	SEM 2	Practical	3	FRI	3	4	OLD ARTS	L3	0	60	60
2014	SCI	EARTH SCIE	APG232	SEM 2	Practical	3	FRI	4	4	OLD ARTS	L3	0	60	60
2014	SCI	EARTH SCIE	APG232	SEM 2	Practical	4	WED	5	4	OLD ARTS	L7	0	60	60
2014	SCI	EARTH SCIE	APG232	SEM 2	Practical	4	WED	6	4	OLD ARTS	L7	0	60	60
2014	SCI	EARTH SCIE	APG232	SEM 2	Practical	4	WED	7	4	OLD ARTS	L7	0	60	60
2014	SCI	EARTH SCIE	APG311	SEM 1	Lecture	1	MON	3	15	PREFABS	OA	0	120	120
2014	SCI	EARTH SCIE	APG311	SEM 1	Lecture	1	TUE	2	17	DENTISTRY	C2	0	220	120
2014	SCI	EARTH SCIE	APG311	SEM 1	Lecture	1	WED	1	12	NEW SCIEN	SC6	0	200	120

Science Faculty Timetable 2014

Do::!!			_				_,				
Period	Mon		Tue		Wed		Thu		Fri	~~~	
	COS114.3 Lect SEM-1	CILT.B	COS114.2 Lect SEM-1	CILT.B	COS114.3 Lect SEM-1	CILT.B	COS114.2 Lect SEM-1	CILT.B	COS114.4 Lect SEM-1	CILT.B	
	COS114.8 Lect SEM-1	WIN LAB	COS114.7 Lect SEM-1	WIN LAB	COS114.8 Lect SEM-1	WIN LAB	COS114.7 Lect SEM-1	WIN LAB	CSC211.1 Lect SEM-1	C3	
	COS124.3 Lect SEM-2	CILT.B	COS124.2 Lect SEM-2	CILT.B	COS124.3 Lect SEM-2	CILT.B	CSC312.1 Lect SEM-1	SC254	COS124.4 Lect SEM-2	CILT.B	
	COS124.8 Lect SEM-2	WIN LAB	COS124.7 Lect SEM-2	WIN LAB	COS124.8 Lect SEM-2	WIN LAB	COS124.2 Lect SEM-2	CILT.B	CSC212.1 Lect SEM-2	SC7	
	COS101.2 Lect SEM1&2	SC9	COS727.1 Lect SEM-2	SEM 1D	COS101.2 Lect SEM1&2	D3	COS124.7 Lect SEM-2	WIN LAB	APM112.1 Lect SEM-1	SC3	
	MAM126.1 Lect SEM-1	S1	COS726.1 Lect TERM 2	SC254	MAT311.1 Lect SEM-1	SC237	CSC311.1 Lect SEM-2	SC254	MAT312.1 Lect SEM-1	SC2.10	
	MAM126.10 Tuto SEM-1	GH1.2	COS101.1 Lect SEM1&2	SC1	QSC131.2 Lect SEM-1	OE	COS101.1 Lect SEM1&2	SC3	APM122.1 Lect SEM-2	SC214	
	MAT312.1 Lect SEM-1	SC2.10	MAM126.3 Tuto SEM-1	OB	MAT321.1 Lect SEM-2	SC254	MAT212.1 Lect SEM-2	SC2.10	MAT322.1 Lect SEM-2	SC2.10	
	QSC131.1 Lect SEM-1	SC1	MAT212.1 Lect SEM-2	SC2.10	QSC132.1 Lect SEM-2	LFS AUD	QSC132.1 Tuto SEM-2	GH3.1	QSC132.1 Lect SEM-2	SC1	
1	MAM127.1 Lect SEM-2	A5	QSC132.10 Tuto SEM-2	GH3.1	MAM150.2 Lect SEM1&2	OB	MAM151.2 Lect SEM1&2	PHY1.40	QSC132.2 Lect SEM-2	C1	
	MAT322.1 Lect SEM-2	SC2.10	MAM151.2 Lect SEM1&2	T5C	MAM151.2 Lect SEM1&2	MO	MAM737.1 Lect SEM1&2	DL10	BUS132.3 Lect SEM-2	C5	
	MAM150.2 Lect SEM1&2	DL2	PHY116.1 Lect SEM-1	SC6	STA211.1 Lect SEM-1	SC7	BUS132.2 Lect SEM-2	S1			
	MAM151.1 Lect SEM1&2	PHY1.40	STA331.1 Lect SEM-1	D13	BUS132.2 Lect SEM-2	GH1					
	STA211.1 Lect SEM-1	SC7	STA333.1 Lect SEM-1	A5 D13	STA221.1 Lect SEM-2	SC7					
	BUS132.1 Lect SEM-2	В1	STA332.1 Lect SEM-2	D13							
	STA221.1 Lect SEM-2	SC7									
	COS114.1 Lect SEM-1	CILT.B	COS114.4 Lect SEM-1	CILT.B	COS114.4 Lect SEM-1	CILT.B	COS114.1 Lect SEM-1	CILT.B	COS114.5 Lect SEM-1	CILT.B	
	COS114.1 Lect SEM-1	WIN LAB	COS124.4 Lect SEM-1	CILT.B	COS124.4 Lect SEM-1	CILT.B	COS114.1 Lect SEM-1	WIN LAB	CSC312.1 Tuto SEM-1	SC254	
	CSC312.1 Lect SEM-1	SC254	APM112.1 Lect SEM-2	SEM 1A	APM112.1 Lect SEM-1	SC237	CSC211.1 Lect SEM-1	WIN LAB	COS124.5 Lect SEM-2	CILT.B	
	COS124.1 Lect SEM-2	CILT.B	APM112.1 Lect SEM-1	SEM 1B	MAT211.1 Lect SEM-1	OE	COS124.1 Lect SEM-2	CILT.B	COS727.1 Lect SEM-2	SEM 1D	
	COS124.6 Lect SEM-2	WIN LAB	MAT311.1 Lect SEM-1	SC237	APM122.1 Lect SEM-2	SC237	COS124.6 Lect SEM-2	WIN LAB	CSC311.1 Prac SEM-2	SUN LAB	
	CSC311.1 Lect SEM-2	SC254	APM122.1 Lect SEM-2	SC214	MAT221.1 Lect SEM-2	N98	CSC212.1 Lect SEM-2	SC2	MAT211.1 Prac SEM-1	SC7	
	MAM115.1 Lect SEM-1		MAT321.1 Lect SEM-2	SC254	QSC132.3 Lect SEM-2	A2	COS711.1 Lect TERM 1	999	MAT221.1 Prac SEM-2	N98	
	MAM115.2 Lect SEM-1	SEM A1	MAM737.1 Lect SEM1&2	DL110	QSC132.19 Tuto SEM-2	MS1.2	MAM115.1 Lect SEM-1	SC5	QSC132.4 Tuto SEM-2	MS1.5	
	MAT211.1 Lect SEM-1	D13	STA211.1 Lect SEM-1	SC7	STA331.1 Lect SEM-1	C3	MAM115.2 Lect SEM-1	C2	QSC132.7 Tuto SEM-2	MS1.6	
	QSC131.3 Tuto SEM-1	OM	STA221.1 Lect SEM-2	SC7	STA333.1 Lect SEM-1	A5	MAT312.1 Lect SEM-1	SC2.10	QSC132.24 Tuto SEM-2	T5B	
	QSC131.4 Tuto SEM-1	GH3.4			BUS132.3 Lect SEM-2	C5	MAT322.1 Lect SEM-2	SC2.10	MAM152.1 Lect SEM1&2	SC6	
	QSC131.5 Tuto SEM-1	GH3.14			STA332.1 Lect SEM-2	OB	MAM150.1 Lect SEM1&2	SC6	MAT105.1 Lect SEM1&2	SC4	
	MAT221.1 Lect SEM-2	OA					MAM151.1 Lect SEM1&2	G50A	MAT105.2 Lect SEM1&2	SC9	
2	QSC132.1 Lect SEM-2	LFS AUD					MAM151.3 Lect SEM1&2	PHY1.35			
	QSC132.2 Lect SEM-2	C1					MAM151.3 Tuto SEM1&2	PHY1.40			
	MAM150.1 Lect SEM1&2	SC2					MAM787.1 Lect SEM1&2	DL10			
	MAM787.1 Lect SEM1&2	SC214					PHY111.1 Lect SEM-1	SC9			
	PHY111.1 Lect SEM-1	SC9					PHY121.1 Lect SEM-2	SC9			
	PHY121.1 Lect SEM-2	SC9					STA111.1 Lect SEM-1	SC3			
	STA111.1 Lect SEM-1	SC3					BUS132.4 Lect SEM-2	A4			
	BUS132.4 Lect SEM-2	A4					STA121.1 Lect SEM-2	OM		!	
	STA121.1 Lect SEM-2	SEM A1					STA125.1 Lect SEM-2	SC5		!	
	STA125.1 Lect SEM-2	SC5					STA151.1 Lect SEM1&2	OD		!	
	STA151.1 Lect SEM1&2	SC7								!	
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Period	Mon		Tue		Wed		Thu		Fri	
Terrou	COS114.2 Lect SEM-1	CILT.B	COS114.5 Lect SEM-1	CILT.B	COS114.5 Lect SEM-1	CILT.B	COS114.3 Lect SEM-1	CILT.B	COS114.1 Lect SEM-1	CILT.B
	COS114.7 Lect SEM-1	WIN LAB	CSC312.1 Lect SEM-1	SC254	CSC211.1 Tuto SEM-1	P107	COS114.8 Lect SEM-1	WIN LAB	COS114.6 Lect SEM-1	WIN LAB
	CSC211.1 Lect SEM-1	SC237	COS124.5 Lect SEM-2	CILT.B	COS124.5 Lect SEM-2	CILT.B	COS124.3 Lect SEM-2	CILT.B	CSC312.1 Prac SEM-1	THINTA
	COS124.2 Lect SEM-2	CILT.B	CSC311.1 Lect SEM-2	SC254	CSC212.2 Tuto SEM-2	THINTA	COS124.8 Lect SEM-2	WIN LAB	COS124.1 Lect SEM-2	CILT.B
	COS124.7 Lect SEM-2	WIN LAB	MAT211.1 Lect SEM-1	SC9	MAM126.2 Lect SEM-1	GH2	COS711.1 Lect TERM 1	999	COS124.6 Lect SEM-2	WIN LAB
	CSC212.1 Lect SEM-2	OD	MAT221.1 Lect SEM-2	C3	OSC132.11 Tuto SEM-2	DL105	COS101.2 Lect SEM1&2	GH2	COS727.1 Lect SEM-2	SEM 1D
	COS101.1 Lect SEM1&2	SC3	OSC132.12 Tuto SEM-2	GH3.2	MAM151.3 Lect SEM1&2	PHY1.48	MAT312.1 Prac SEM-1	SC2.10	CSC311.1 Prac SEM-2	SUN LAB
	COF714.1 Lect SEM-1	SC214	MAM151.3 Lect SEM1&2	G50A	MAM152.1 Lect SEM1&2	SC8	OSC131.2 Lect SEM-1	OA	MAM115.1 Lect SEM-1	C2
	MAM126.13 Tuto SEM-1	DT-1 0 4	MAM151.3 Tuto SEM1&2	PHY1.40	MAT105.1 Lect SEM1&2	SC4	MAT322.1 Prac SEM-2	SC2.10	MAM115.2 Lect SEM-1	SC4
	MAM126.14 Tuto SEM-1	DL101	MAM152.1 Lect SEM1&2	SC8	MAT105.2 Lect SEM1&2	SC9	OSC132.2 Tuto SEM-2	MS1.5	MAT211.1 Prac SEM-1	SC7
	MAM126.15 Tuto SEM-1	DL110	MAT105.1 Lect SEM1&2	SC4	STA331.1 Tuto SEM-1	SC237	OSC132.23 Tuto SEM-2	T5B	OSC131.1 Tuto SEM-1	MS1.4
	MAT311.1 Lect SEM-1	SC254	MAT105.2 Lect SEM1&2	В3	STA333.1 Tuto SEM-1	A5	OSC132.25 Tuto SEM-2	GH3.7	OSC131.2 Tuto SEM-1	OF
	MAT321.1 Lect SEM-2	SC254	1111110012 2000 02111112	20	BUS132.2 Lect SEM-2	B2	MAM150.2 Lect SEM1&2	SC8	MAT221.1 Prac SEM-2	N98
	MAM151.2 Lect SEM1&2	PHY1.40			STA142.1 Lect SEM-2	SC1	STA211.1 Tuto SEM-1	SC2	OSC132.3 Lect SEM-2	DL2
3	MAM151.3 Lect SEM1&2	PHY1.35			STA332.1 Prac SEM-2	ADM LAB	BUS132.2 Lect SEM-2	GH1	MAM150.1 Lect SEM1&2	SC5
	PHY116.1 Lect SEM-1	SC6			0111002.1 1140 0211 2	11011 2112	STA142.1 Lect SEM-2	L20	MAM151.1 Lect SEM1&2	PHY1.40
	PHY121.3 Tuto SEM-2	DL105					STA221.1 Tuto SEM-2	SC9	MAM757.1 Lect SEM1&2	SC214
	PHY121.3 Tuto SEM-2	DL110							PHY111.1 Lect SEM-1	SC9
	PHY121.3 Tuto SEM-2	GH3.3							PHY121.1 Lect SEM-2	SC9
	PHY121.3 Tuto SEM-2	GH3.6							STA111.1 Lect SEM-1	SC6
	PHY121.3 Tuto SEM-2	SEM 1C							BUS132.3 Lect SEM-2	GH3
	PHY121.3 Tuto SEM-2	SEM 1F							STA121.1 Lect SEM-2	С3
									STA125.1 Lect SEM-2	SC6
									STA151.1 Lect SEM1&2	GH2
	COS114.5 Tuto SEM-1	WIN LAB	COS114.2 Tuto SEM-1	WIN LAB	COS114.3 Tuto SEM-1	WIN LAB	COS114.4 Tuto SEM-1	WIN LAB	COS114.1 Tuto SEM-1	WIN LAB
	COS124.1 Tuto SEM-2	WIN LAB	COS124.2 Tuto SEM-2	WIN LAB	CSC211.1 Tuto SEM-1	P107	COS124.4 Tuto SEM-2	WIN LAB	CSC312.1 Prac SEM-1	THINTA
	COF714.1 Lect SEM-1	SC214	MAM110.1 Lect SEM-1	999	COS124.3 Tuto SEM-2	WIN LAB	COS711.1 Lect TERM 1	999	COS124.5 Tuto SEM-2	WIN LAB
	MAM126.2 Lect SEM-1	GH2	MAM115.1 Tuto SEM-1	SC1	CSC212.2 Tuto SEM-2	THINTA	COS101.2 Tuto SEM1&2	SC8	CSC311.1 Prac SEM-2	SUN LAB
	MAT212.1 Lect SEM-2	SC2.10	MAM115.2 Tuto SEM-1	D3	COS101.1 Tuto SEM1&2	SC5	MAM126.16 Tuto SEM-1	A3	APM112.1 Tuto SEM-1	OF
	OSC132.16 Tuto SEM-2	MS1.8	MAM126.4 Tuto SEM-1	SC214	MAM126.1 Lect SEM-1	L20	MAM126.16 Tuto SEM-1	DL3	MAT211.1 Prac SEM-1	SC7
	QSC132.20 Tuto SEM-2	OE	QSC131.2 Lect SEM-1	OC	MAM126.6 Tuto SEM-1	C10	MAT312.1 Prac SEM-1	SC2.10	QSC131.10 Tuto SEM-1	MS1.6
	MAM151.2 Tuto SEM1&2	SC7	MAM150.1 Tuto SEM1&2	OB	MAM126.9 Tuto SEM-1	DL105	MAT322.1 Prac SEM-2	SC2.10	QSC131.11 Tuto SEM-1	MS1.10
	MAM151.5 Tuto SEM1&2	PHY1.40	MAM151.3 Lect SEM1&2	G50A	QSC131.1 Lect SEM-1	SC1	QSC132.3 Tuto SEM-2	MS1.2	QSC131.12 Tuto SEM-1	MS1.5
4	MAM151.6 Tuto SEM1&2	PHY1.35	MAM151.4 Tuto SEM1&2	SC254	MAM127.1 Lect SEM-2	A5	MAM151.2 Lect SEM1&2	SC7	APM122.1 Tuto SEM-2	SC214
4	MAM152.3 Tuto SEM1&2	SC8	PHY111.1 Tuto SEM-1	SC9	MAM150.2 Tuto SEM1&2	SC4	PHY116.1 Tuto SEM-1	PHY1.40	MAT221.1 Prac SEM-2	N98
	MAT105.1 Tuto SEM1&2	SC4	PHY121.1 Tuto SEM-2	SC9	STA111.1 Tuto SEM-1	LFS AUD	PHY116.3 Tuto SEM-1	PHY0.50	PHY121.2 Tuto SEM-2	C9
	MAT105.2 Tuto SEM1&2	LFS AUD	STA111.3 Tuto SEM-1	N98	STA331.1 Tuto SEM-1	SC237	STA211.1 Tuto SEM-1	SC2	STA111.2 Tuto SEM-1	OB
	STA331.1 Lect SEM-1	SC237	STA211.1 Lect SEM-1	SC7	STA333.1 Tuto SEM-1	A5	STA221.1 Tuto SEM-2	SC9		
	STA333.1 Lect SEM-1	A5	STA125.1 Tuto SEM-2	SC1	BUS132.1 Lect SEM-2	B1				
	STA332.1 Lect SEM-2	SC6	STA221.1 Lect SEM-2	SC7	STA121.1 Tuto SEM-2	LFS AUD				
			STA151.1 Tuto SEM1&2	SC3	STA332.1 Prac SEM-2	ADM LAB				
	L		Ū		N		С		Н	

Period	Mon		Tue		Wed		Thu		Fri	
	COS114.1 Prac SEM-1	WIN LAB	COS114.2 Prac SEM-1	WIN LAB	COS114.3 Prac SEM-1	WIN LAB	COS114.4 Prac SEM-1	WIN LAB	CSC312.1 Prac SEM-1	THINTA
	CSC211.1 Prac SEM-1	SUN LAB	COS731.1 Lect SEM-1	999	COS124.3 Prac SEM-2	WIN LAB	COS124.4 Prac SEM-2	WIN LAB	CSC311.1 Prac SEM-2	SC237
	COS124.1 Prac SEM-2	WIN LAB	COS801.1 Lect SEM-1	SC254	CSC212.1 Tuto SEM-2	THINTA	COS101.3 Prac SEM1&2	SUN LAB	COS101.2 Prac SEM1&2	WIN LAB
	COS727.1 Prac SEM-2	C10	COS124.2 Prac SEM-2	WIN LAB	COS101.1 Prac SEM1&2	SUN LAB	APM112.1 Prac SEM-1	SC214	MAM126.1 Tuto SEM-1	GH2
	CSC212.1 Prac SEM-2	SUN LAB	COS732.1 Lect SEM-2	D3	MAM126.1 Lect SEM-1	DL3	MAT311.2 Prac SEM-1	SC237	MAM126.2 Tuto SEM-1	GH3
	COS794.1 Lect SEM1&2	SC237	MAM115.2 Prac SEM-1	SC7	MAM126.8 Tuto SEM-1	DL111	APM122.1 Prac SEM-2	SC214	MAT212.1 Prac SEM-2	SC2.10
	MAM115.1 Prac SEM-1	SC5	MAM126.2 Lect SEM-1	GH3	QSC131.1 Lect SEM-1	SC3	MAT321.2 Prac SEM-2	SC237	STA702.1 Lect SEM-1	999
	MAM115.3 Prac SEM-1	OD	MAT211.1 Prac SEM-1	SC8	MAM127.1 Lect SEM-2	A5	MAM150.2 Lect SEM1&2	SC4	STA142.1 Lect SEM-2	S1
	MAT311.1 Prac SEM-1	SC254	MAT312.1 Prac SEM-1	SC2.10	QSC132.22 Tuto SEM-2	SC237	MAM151.1 Prac SEM1&2	PHY0.46		
	MAT212.1 Prac SEM-2	SC2.10	MAT221.1 Prac SEM-2	SEM 1A	MAM150.2 Prac SEM1&2	OB	MAM151.2 Prac SEM1&2	PHY0.50		
	MAT321.1 Prac SEM-2	SC254 OA	MAT221.1 Prac SEM-2	SEM 1B	MAM150.3 Prac SEM1&2	S/HALL	MAM151.3 Prac SEM1&2	G50A		
_	MAM150.1 Prac SEM1&2 PHY111.1 Prac SEM-1	PHY1.39	MAT322.1 Prac SEM-2 MAM152.1 Prac SEM1&2	SC2.10 OA	PHY116.1 Prac SEM-1 STA331.1 Prac SEM-1	PHY1.40 ADM LAB	MAM151.3 Tuto SEM1&2 PHY116.2 Prac SEM-1	PHY1.48 PHY1.40		
5	PHY121.1 Prac SEM-1 PHY121.1 Prac SEM-2	PHY1.39	MAT105.1 Prac SEM1&2	D13	STA331.1 Prac SEM-1	ADM LAB	STA211.1 Prac SEM-1	ADM LAB		
	STA111.1 Prac SEM-1	ADM LAB	MAT105.1 Frac SEM1&2	OB	BUS132.1 Lect SEM-2	A2	BUS132.3 Lect SEM-2	C5		
	STA501.1 Lect SEM-1	SC9	MAT105.2 Frac SEM1&2	A18	STA332.2 Prac SEM-2	D3	STA221.1 Prac SEM-2	ADM LAB		
	BUS132.5 Lect SEM-2	C5	BUS132.4 Lect SEM-2	DL2	STA151.2 Prac SEM1&2	LFS AUD	5111221.1 1140 0211 2	11011 1110		
	STA121.1 Prac SEM-2	OB	BUS132.5 Lect SEM-2	DL3						
	STA125.1 Prac SEM-2	ADM LAB	STA142.1 Lect SEM-2	DL1						
	COF712.1 Lect TERM 1	SC213								
	STA151.1 Prac SEM1&2	SC1								
	COS114.1 Prac SEM-1	WIN LAB	COS114.2 Prac SEM-1	WIN LAB	COS114.3 Prac SEM-1	WIN LAB	COS114.4 Prac SEM-1	WIN LAB	CSC312.1 Prac SEM-1	THINTA
	CSC211.1 Prac SEM-1	SUN LAB	COS801.1 Lect SEM-1	SC254	COS124.3 Prac SEM-2	WIN LAB	COS124.4 Prac SEM-2	WIN LAB	CSC311.1 Prac SEM-2	SC237
	COS124.1 Prac SEM-2	WIN LAB	COS124.2 Prac SEM-2	WIN LAB	CSC212.1 Tuto SEM-2	THINTA	COS101.3 Prac SEM1&2	SUN LAB		WIN LAB
	COS727.1 Prac SEM-2	C10	COS732.1 Lect SEM-2	D3	COS101.1 Prac SEM1&2	SUN LAB	APM112.1 Prac SEM-1	SC214	MAT212.1 Prac SEM-2	SC2.10
	CSC212.1 Prac SEM-2	SUN LAB	MAM115.2 Prac SEM-1	SC7	QSC131.7 Tuto SEM-1	GH3.2	MAT311.2 Prac SEM-1	SC237		
	COS794.1 Lect SEM1&2	SC237	MAM126.5 Tuto SEM-1	SC214	QSC131.8 Tuto SEM-1	SEM 1D	QSC131.14 Tuto SEM-1	GH3.8		
	MAM115.1 Prac SEM-1	SC5	MAT211.1 Prac SEM-1	SC8	QSC131.9 Tuto SEM-1	DL11	QSC131.15 Tuto SEM-1	GH1.4		
	MAM115.3 Prac SEM-1 MAT311.1 Prac SEM-1	OD SC254	MAT312.1 Prac SEM-1 MAT221.1 Prac SEM-2	SC2.10 SEM 1A	QSC131.13 Tuto SEM-1 QSC132.8 Tuto SEM-2	DL111 MS1.5	QSC131.16 Tuto SEM-1 OSC131.17 Tuto SEM-1	GH1.3 GH3.9		
	OSC131.18 Tuto SEM-1	5C254 OB	MAT221.1 Prac SEM-2	SEM 1A SEM 1B	OSC132.9 Tuto SEM-2		APM122.1 Prac SEM-2	SC214		
	OSC131.19 Tuto SEM-1	GH3.2	MAT322.1 Prac SEM-2	SC2.10	MAM150.2 Prac SEM1&2	OB	MAT321.2 Prac SEM-2	SC237		
	MAT212.1 Prac SEM-2	SC2.10	QSC132.13 Tuto SEM-2		MAM150.3 Prac SEM1&2		QSC132.18 Tuto SEM-2	GH1.1		
	MAT321.1 Prac SEM-2	SC254	OSC132.14 Tuto SEM-2	GH3.7	PHY116.1 Prac SEM-1	PHY1.40	MAM151.1 Prac SEM1&2	PHY0.46		
6	QSC132.3 Lect SEM-2	C5	QSC132.21 Tuto SEM-2	SC254	STA331.1 Prac SEM-1	ADM LAB	MAM151.2 Prac SEM1&2	PHY0.50		
	MAM150.1 Prac SEM1&2	OA	MAM152.1 Prac SEM1&2	OA	STA333.1 Prac SEM-1	A5	MAM151.3 Prac SEM1&2	G50A		
	PHY111.1 Prac SEM-1	PHY1.39	MAT105.1 Prac SEM1&2	D13	BUS132.4 Lect SEM-2	SC7	PHY116.2 Prac SEM-1	PHY1.40		
	PHY121.1 Prac SEM-2	PHY1.39	MAT105.2 Prac SEM1&2	OB	BUS132.5 Lect SEM-2	SC5	STA211.1 Prac SEM-1	ADM LAB		
	STA111.1 Prac SEM-1	ADM LAB	MAT105.3 Prac SEM1&2	A18	STA332.2 Prac SEM-2	D3	BUS132.5 Lect SEM-2	DL1		
	STA501.1 Lect SEM-1	SC9	BUS132.1 Lect SEM-2	B1	STA151.2 Prac SEM1&2	LFS AUD	STA221.1 Prac SEM-2	ADM LAB		
	STA121.1 Prac SEM-2	OB								
	STA125.1 Prac SEM-2	ADM LAB								
	COF712.1 Lect TERM 1 STA151.1 Prac SEM1&2	SC213 SC1								
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Period	Mon		Tue		Wed		Thu		Fri	
	COS114.1 Prac SEM-1	WIN LAB			COS114.3 Prac SEM-1	WIN LAB	COS114.4 Prac SEM-1	WIN LAB	CSC312.1 Prac SEM-1	THINTA
	CSC211.1 Prac SEM-1	SUN LAB			COS124.3 Prac SEM-2	WIN LAB	COS124.4 Prac SEM-2	WIN LAB	CSC311.1 Prac SEM-2	SC237
	COS727.1 Prac SEM-2	C10			CSC212.1 Tuto SEM-2	THINTA	COS101.3 Prac SEM1&2	SUN LAB	COS101.2 Prac SEM1&2	WIN LAB
	CSC212.1 Prac SEM-2	SUN LAB			COS101.1 Prac SEM1&2	SUN LAB	APM112.1 Prac SEM-1	SC214	MAT212.1 Prac SEM-2	SC2.10
	COS794.1 Lect SEM1&2	SC237			MAM150.2 Prac SEM1&2	OB	MAT311.2 Prac SEM-1	SC237		
	MAM115.1 Prac SEM-1	SC5			MAM150.3 Prac SEM1&2	S/HALL	APM122.1 Prac SEM-2	SC214		
	MAM115.3 Prac SEM-1	OD			PHY116.1 Prac SEM-1	PHY1.40	MAT321.2 Prac SEM-2	SC237		
	MAT311.1 Prac SEM-1	SC254			STA331.1 Prac SEM-1	ADM LAB	MAM151.1 Prac SEM1&2	PHY0.46		
	MAT212.1 Prac SEM-2	SC2.10			STA333.1 Prac SEM-1	A5	MAM151.2 Prac SEM1&2	PHY0.50		
	MAT321.1 Prac SEM-2	SC254			STA332.2 Prac SEM-2	D3	MAM151.3 Prac SEM1&2	G50A		
	MAM150.1 Prac SEM1&2	OA			STA151.2 Prac SEM1&2	LFS AUD	PHY116.2 Prac SEM-1	PHY1.40		
	PHY111.1 Prac SEM-1	PHY1.39					STA211.1 Prac SEM-1	ADM LAB		
	PHY121.1 Prac SEM-2	PHY1.39					STA221.1 Prac SEM-2	ADM LAB		
	STA111.1 Prac SEM-1	ADM LAB								
	STA501.1 Lect SEM-1	SC9								
	STA121.1 Prac SEM-2	OB								
	STA125.1 Prac SEM-2	ADM LAB								
	COF712.1 Lect TERM 1	SC213								
	STA151.1 Prac SEM1&2	SC1								
			QSC131.1 Lect SEM-1	DL3	BUS131.1 Lect SEM-1	SC2				
8			QSC132.1 Lect SEM-2	SC1						
			QSC131.1 Lect SEM-1	DL3	BUS131.1 Lect SEM-1	SC2				
9			QSC132.1 Lect SEM-2	SC1						
3										
			QSC131.1 Lect SEM-1	DL3	BUS131.1 Tuto SEM-1	SC4				
10			QSC132.1 Tuto SEM-2	SC1	BUS131.2 Tuto SEM-1	SC2				