

1) upward motion analysis

	Back	Mid	Front
Right	- 0.01 * time	- 0.01 * time	- 0.01 * time
Left	- 0.01 * time	- 0.01 * time	- 0.01 * time

2) downward motion analysis

	Back	Mid	Front
Right	0.01 * time	0.01 * time	0.01 * time
Left	0.01 * time	0.01 * time	0.01 * time

3) Cosine motion

	Back	Mid	Front
Right	-50 * COS(time)	-50 * COS(time)	-50 * COS(time)
Left	-50 * COS(time)	-50 * COS(time)	-50 * COS(time)

4) Sine motion

	Back	Mid	Front
Right	-50 * SIN(time)	-50 * SIN(time)	-50 * SIN(time)
Left	-50 * SIN(time)	-50 * SIN(time)	-50 * SIN(time)

5) Front motion analysis:

L _{bR}	-SQRT(27005.28342 + (time + 41.64319426)**2) +152.596115
L _{bL}	-SQRT(27005.28342 + (time + 41.64319426)**2) +152.596115
Lf _R	-SQRT(28604.1361 + (time + 11.64)**2) +152.596115
Lf _L	- SQRT(28604.1361 + (time + 11.64)**2) +152.596115
L _{Midr}	-SQRT(25899.98+ (time - 53.286)**2) +152.596115
L _{MidL}	-SQRT(25899.98 + (time - 53.286)**2) +152.596115

5') Front motion analysis (color encoded):

	Back	Mid	Front
	-SQRT(27005.28342 +	-SQRT(25899.98 +	-SQRT(28604.1361 +
Diaht	(time +	(time - 53.286)**2)	(time + 11.64)**2)
Right	41.64319426)**2)	+152.596115	+152.596115
	+152.596115		
	-SQRT(27005.28342 +	-SQRT(25899.98 +	-SQRT(28604.1361 +
Left	(time +	(time - 53.286)**2)	(time + 11.64)**2)
Leit	41.64319426)**2)	+152.596115	+152.596115
	+152.596115		

6) Sideways motion analysis:

1	В	M	F
R	-SQRT(28604.1361 +	-SQRT(28604.1361 +	-SQRT(25899.98 + (time -
	(time + 11.64)**2)	(time + 11.64)**2)	53.286)**2) +152.596115
	+152.596115	+152.596115	
L	-SQRT(25899.98 + (time -	-SQRT(27005.28342 +	-SQRT(27005.28342 +
	53.286)**2) +152.596115	(time + 41.64319426)**2)	(time + 41.64319426)**2)
		+152.596115	+152.596115
2	В	M	F
R	-SQRT(25899.98 + (-time -	-SQRT(27005.28342 + (-	-SQRT(27005.28342 + (-
	53.286)**2) +152.596115	time + 41.64319426)**2)	time + 41.64319426)**2)
		+152.596115	+152.596115
L	-SQRT(28604.1361 + (-	-SQRT(28604.1361 + (-	-SQRT(25899.98 + (-time -
	time + 11.64)**2)	time + 11.64)**2)	53.286)**2) +152.596115
	+152.596115	+152.596115	
Superposition	В	M	F
R	-SQRT(28604.1361 +	-SQRT(28604.1361 +	-SQRT(25899.98 + (time -
	(time + 11.64)**2)	(time + 11.64)**2)	53.286)**2)
	+152.596115-	+152.596115-	+152.596115-
	SQRT(25899.98 + (-time -	SQRT(27005.28342 + (-	SQRT(27005.28342 + (-
	53.286)**2) +152.596115	time + 41.64319426)**2)	time + 41.64319426)**2)
		+152.596115	+152.596115
L	-SQRT(25899.98 + (time -	-SQRT(27005.28342 +	-SQRT(27005.28342 +
	53.286)**2)	(time + 41.64319426)**2)	(time + 41.64319426)**2)
	+152.596115-	+152.596115-	+152.596115-
	SQRT(28604.1361 + (-	SQRT(28604.1361 + (-	SQRT(25899.98 + (-time -
	time + 11.64)**2)	time + 11.64)**2)	53.286)**2) +152.596115
	+152.596115	+152.596115	

7) circular motion analysis

Straight			
Cos Motion	Back	Mid	Front
	-SQRT(27005.28342 +	-SQRT(25899.98 +	-SQRT(28604.1361 +
Right	(50*COS(time) +	(50*COS(time) -	(50*COS(time) + 11.64)**2)
Night	41.64319426)**2)	53.286)**2) +152.596115	+152.596115
	+152.596115		
	-SQRT(27005.28342 +	-SQRT(25899.98 +	-SQRT(28604.1361 +
Left	(50*COS(time) +	(50*COS(time) -	(50*COS(time) + 11.64)**2)
	41.64319426)**2)	53.286)**2) +152.596115	+152.596115
Cidamera	+152.596115	N/A	F
Sideways SIN wave Motion	В	M	F
SIN wave Motion	-SQRT(28604.1361 +	-SQRT(28604.1361 +	-SQRT(25899.98 +
	((0.5773502692 * 50 *	((0.5773502692 * 50 *	((0.5773502692 * 50 *
	SIN(time)) + 11.64)**2)	SIN(time)) + 11.64)**2)	SIN(time)) - 53.286)**2)
	+152.596115 -	+152.596115-	+152.596115-
R	SQRT(25899.98 + (-	SQRT(27005.28342 + (-	SQRT(27005.28342 + (-
	(0.5773502692 * 50 *	(0.5773502692 * 50 *	(0.5773502692 * 50 *
	SIN(time)) - 53.286)**2)	SIN(time)) +	SIN(time)) +
	+152.596115	41.64319426)**2)	41.64319426)**2)
		+152.596115	+152.596115
	-SQRT(25899.98 +	-SQRT(27005.28342 +	-SQRT(27005.28342 +
	((0.5773502692 * 50 *	((0.5773502692 * 50 *	((0.5773502692 * 50 *
	SIN(time)) - 53.286)**2)	SIN(time)) +	SIN(time))+
	+152.596115-	41.64319426)**2)	41.64319426)**2)
L	SQRT(28604.1361 + (-	+152.596115-	+152.596115-
	(0.5773502692 * 50 *	SQRT(28604.1361 + (-	SQRT(25899.98 + (-
	SIN(time)) + 11.64)**2)	(0.5773502692 * 50 *	(0.5773502692 * 50 *
	+152.596115	SIN(time)) + 11.64)**2)	SIN(time)) - 53.286)**2)
		+152.596115	+152.596115
		1132.330113	+132.390113
Superposition	В	M	F
Circular Motion		М	F
, ,	-SQRT(28604.1361 +	M -SQRT(28604.1361 +	F -SQRT(25899.98 +
Circular Motion	-SQRT(28604.1361 + ((0.5773502692 * 50 *	M -SQRT(28604.1361 + ((0.5773502692 * 50 *	F -SQRT(25899.98 + ((0.5773502692 * 50 *
Circular Motion	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2)	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2)	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2)
Circular Motion	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115-	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115-
Circular Motion	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (-	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (-	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (-
Circular Motion	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 *	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 *	-SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 *
Circular Motion	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2)	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) +	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) +
Circular Motion	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115-	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2)	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2)
Circular Motion	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 +	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-
Circular Motion	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) +	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 +	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 +
Circular Motion	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2)	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (50*COS(time) -	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2)
Circular Motion R	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115
Circular Motion	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 -SQRT(25899.98 +	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 -SQRT(27005.28342 +	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 -SQRT(27005.28342 +
Circular Motion R	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 -SQRT(25899.98 + ((0.5773502692 * 50 *	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 *	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 *
Circular Motion R	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 -SQRT(25899.98 +	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) +	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) +
Circular Motion R	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115-	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 *	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 *
Circular Motion R	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (-	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2)	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-
Circular Motion R	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115-	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2)
Circular Motion R	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 *	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (-	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (-
Circular Motion R	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2)	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 *	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (- (0.5773502692 * 50 *
Circular Motion R	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115-	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2)	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2)
Circular Motion R	-SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 +	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115-	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(25899.98 + (- (0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115-

8) Helical motion analysis

Superposition	В	M	F
Circular Motion			·
R	- 5 *time	- 5 *time	- 5 *time
L	- 5 *time	- 5 *time	- 5 *time
Superposition	В	M	F
Circular Motion			
R	-SQRT(28604.1361 +	-SQRT(28604.1361 +	-SQRT(25899.98 +
	((0.5773502692 * 50 *	((0.5773502692 * 50 *	((0.5773502692 * 50 *
	SIN(time)) + 11.64)**2)	SIN(time)) + 11.64)**2)	SIN(time)) - 53.286)**2)
	+152.596115 -SQRT(25899.98	+152.596115-	+152.596115-
	+ (-(0.5773502692 * 50 *	SQRT(27005.28342 + (-	SQRT(27005.28342 + (-
	SIN(time)) - 53.286)**2)	(0.5773502692 * 50 *	(0.5773502692 * 50 *
	+152.596115-	SIN(time)) +	SIN(time)) +
	SQRT(27005.28342 +	41.64319426)**2)	41.64319426)**2)
	(50*COS(time) + 41.64319426)**2)	+152.596115-SQRT(25899.98 + (50*COS(time) -	+152.596115- SQRT(28604.1361 +
	+152.596115	53.286)**2) +152.596115	(50*COS(time) + 11.64)**2)
	+132.390113	33.280) 2) +132.390113	+152.596115
L	-SQRT(25899.98 +	-SQRT(27005.28342 +	-SQRT(27005.28342 +
_	((0.5773502692 * 50 *	((0.5773502692 * 50 *	((0.5773502692 * 50 *
	SIN(time)) - 53.286)**2)	SIN(time)) +	SIN(time)) +
	+152.596115-	41.64319426)**2)	41.64319426)**2)
	SQRT(28604.1361 + (-	+152.596115-	+152.596115-SQRT(25899.98
	(0.5773502692 * 50 *	SQRT(28604.1361 + (-	+ (-(0.5773502692 * 50 *
	SIN(time)) + 11.64)**2)	(0.5773502692 * 50 *	SIN(time)) - 53.286)**2)
	+152.596115-	SIN(time)) + 11.64)**2)	+152.596115-
	SQRT(27005.28342 +	+152.596115-SQRT(25899.98	SQRT(28604.1361 +
	(50*COS(time) +	+ (50*COS(time) -	(50*COS(time) + 11.64)**2)
	41.64319426)**2)	53.286)**2) +152.596115	+152.596115
	+152.596115	53.286)**2) +152.596115	
Superposition	· · · · ·		+152.596115 F
Helical Motion	+152.596115 B	53.286)**2) +152.596115 M	F
· ·	+152.596115 B -SQRT(28604.1361 +	53.286)**2) +152.596115 M -SQRT(28604.1361 +	F -SQRT(25899.98 +
Helical Motion	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 *	53.286)**2) +152.596115 M -SQRT(28604.1361 + ((0.5773502692 * 50 *	F -SQRT(25899.98 + ((0.5773502692 * 50 *
Helical Motion	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2)	53.286)**2) +152.596115 M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2)	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2)
Helical Motion	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -SQRT(25899.98	53.286)**2) +152.596115 M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115-	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115-
Helical Motion	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -SQRT(25899.98 + (-(0.5773502692 * 50 *	53.286)**2) +152.596115 M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (-	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (-
Helical Motion	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -SQRT(25899.98	53.286)**2) +152.596115 M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115-	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115-
Helical Motion	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2)	53.286)**2) +152.596115 M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 *	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 *
Helical Motion	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115-	53.286)**2) +152.596115 M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) +	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) +
Helical Motion	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 +	53.286)**2) +152.596115 M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2)	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2)
Helical Motion	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) +	53.286)**2) +152.596115 M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2)
Helical Motion	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 - 5 *time	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 - 5* time	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 - 5 * time
Helical Motion	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 - 5 *time -SQRT(25899.98 +	53.286)**2) +152.596115 M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 - 5* time -SQRT(27005.28342 +	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 - 5 * time -SQRT(27005.28342 +
Helical Motion R	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 - 5 *time -SQRT(25899.98 + ((0.5773502692 * 50 *	53.286)**2) +152.596115 M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 - 5* time -SQRT(27005.28342 + ((0.5773502692 * 50 *	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 - 5 * time -SQRT(27005.28342 + ((0.5773502692 * 50 *
Helical Motion R	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 - 5 *time -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2)	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 - 5* time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) +	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 - 5 * time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) +
Helical Motion R	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 - 5 *time -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115-	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 - 5* time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2)	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 - 5 * time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2)
Helical Motion R	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 - 5 *time -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (-	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 - 5* time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 - 5 * time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98
Helical Motion R	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 - SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 - 5 *time -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 *	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 - 5* time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (-	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 - 5 * time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (-(0.5773502692 * 50 *
Helical Motion R	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 - 5 *time -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2)	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 - 5* time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 *	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 - 5 * time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2)
Helical Motion R	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 - 5 *time -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115-	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 - 5* time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2)	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 - 5 * time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115-
Helical Motion R	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 - 5 *time -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 +	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 - 5* time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115-SQRT(25899.98	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 - 5 * time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 +
Helical Motion R	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 - 5 *time -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) +	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 - 5* time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115-SQRT(25899.98 + (50*COS(time) -	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 - 5 * time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2)
Helical Motion R	+152.596115 B -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115 -SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (50*COS(time) + 41.64319426)**2) +152.596115 - 5 *time -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 +	M -SQRT(28604.1361 + ((0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (50*COS(time) - 53.286)**2) +152.596115 - 5* time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (- (0.5773502692 * 50 * SIN(time)) + 11.64)**2) +152.596115-SQRT(25899.98	F -SQRT(25899.98 + ((0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(27005.28342 + (- (0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115- SQRT(28604.1361 + (50*COS(time) + 11.64)**2) +152.596115 - 5 * time -SQRT(27005.28342 + ((0.5773502692 * 50 * SIN(time)) + 41.64319426)**2) +152.596115-SQRT(25899.98 + (-(0.5773502692 * 50 * SIN(time)) - 53.286)**2) +152.596115- SQRT(28604.1361 +