БЛЮТУЗ. ДВИЖЕНИЕ ПО КОМПАСУ.
ДВИЖЕНИЕ ПО ЛЕСЕНКЕ.

NXT01 ПРД

NXT02 ПРМ

Fast rising sweep

NXT01 ПРД

Port Value

NXT02 ПРМ

$(m-e1)*3$

6.2. Удаленное управление роботом

ПРД

Letter=S1*2+S2

ПРМ

m/2*100   m%2*100

ПРД

Letter=(e1+128)*256+(e2+128) -32768

ПРМ

(m+32768)%256-128

(m+32768)/256-128

v=(m+32768)/256-128
u=(m+32768)%256-128

v-u

v+u
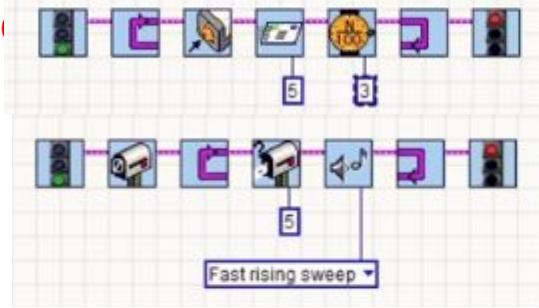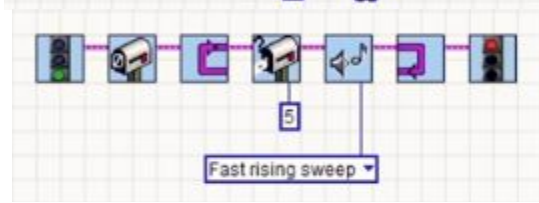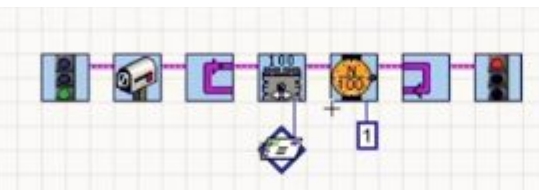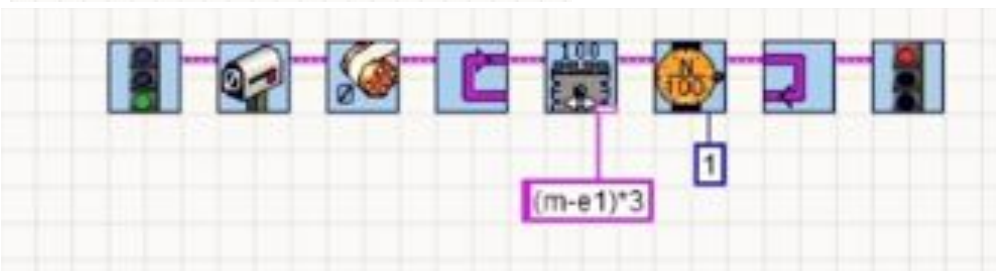
6.3. управляемый футбол роботов

ПР
Д
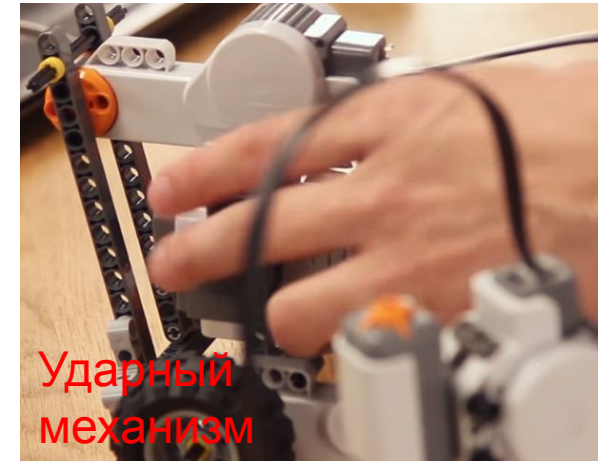
$v=(m+32768)/256-128$
$u=(m+32768)\%256/2*2-128$
$k=(m+32768)\%2$
$v=v*(k+1)$
$u=u*(2-k)/2$

ПРМ +
Турбо

v+u

v-u

udar=0

$v=(m+32768)/256-128$
$u=(m+32768)\%256/2*2-128$
$k=(m+32768)\%2$
$v=v*(k+1)$
$u=u*(2-k)/2$

v+u

v-u

udar

udar=1

udar=0

Ударный механизм

20

20
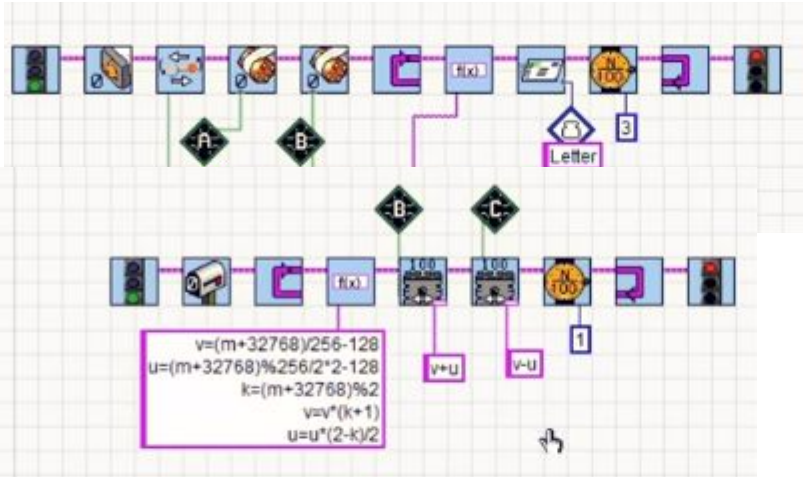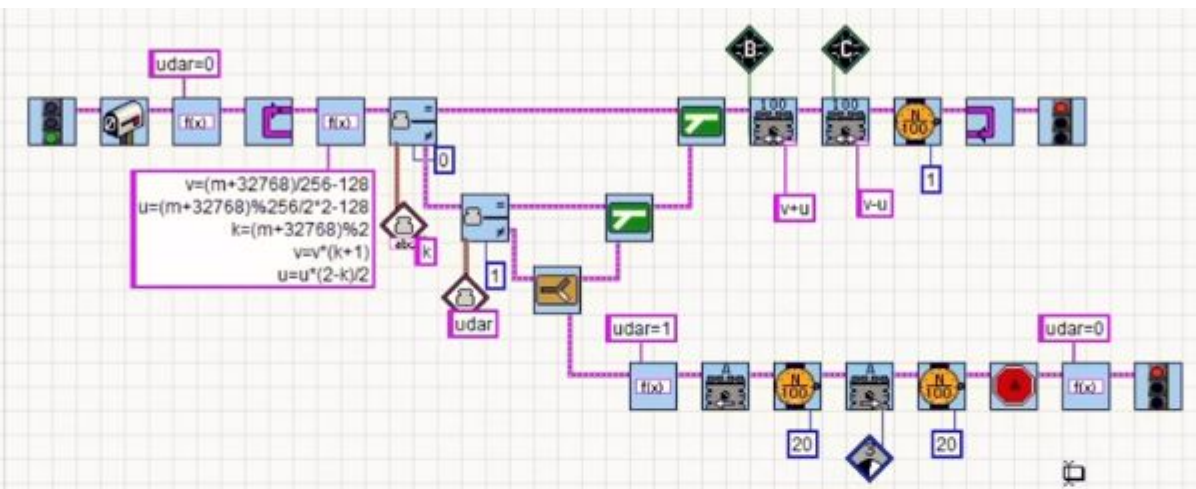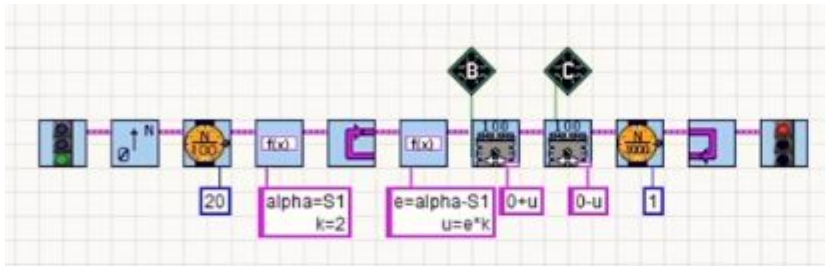
Стоит на месте
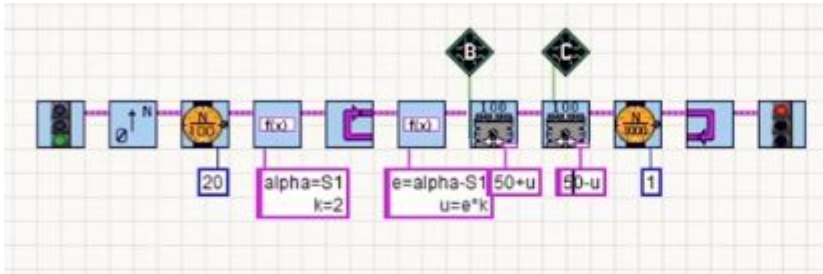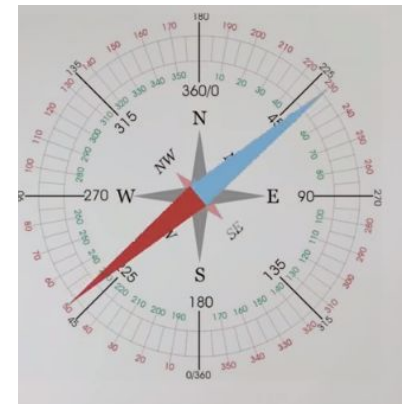
Движется 50

Корректное движение на север

Корректное движение на север с поворотом на 90 о

ROBOTC Local Start Page

Корректировка компаса

Your computer appears to be offline. Connect your computer to the Internet for the latest ROBOTC news and

NXT Brick Download

NXT Bricks Currently Connected via USB

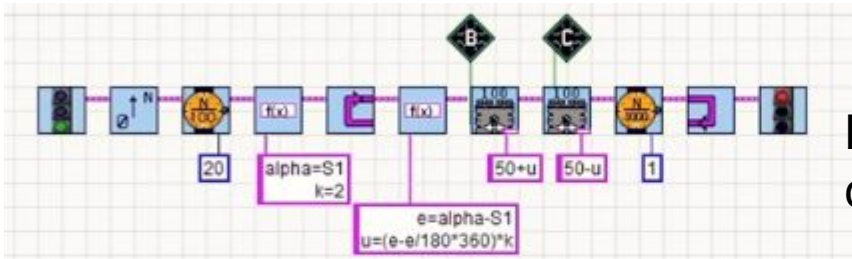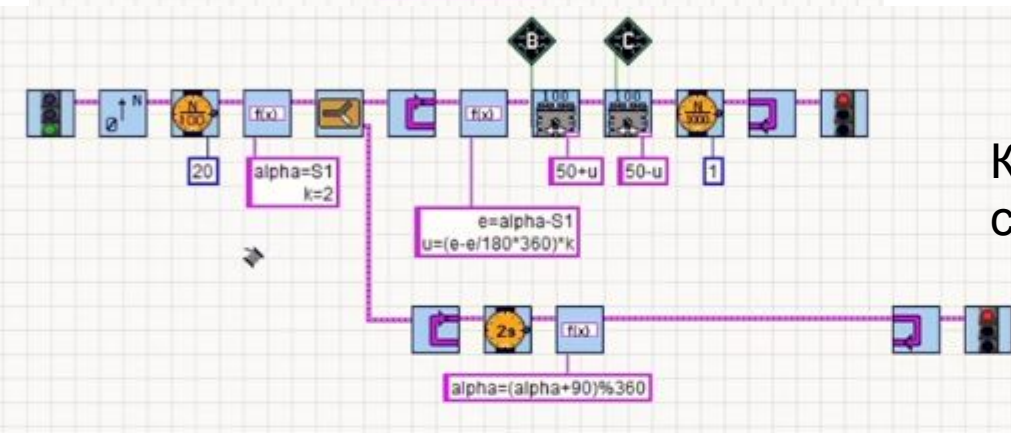| Brick	Address
NXT02	USB0::0x0694::0x0002::001653190E57::RAW

Refresh Lists

Rename NXT

F/W Download

Message Log

Waiting for brick to enter 'boot' mode. 12 seconds elapsed

low these directions to learn how to

me, you will need to download the

File Edit View Robot Window Help

LocalStartLEGO.htm   hitechnic-compass-test2.c

```
29   * Xander Soldaat (xander_at_botbench.com)
30   * 25 November 2009
31   * version 0.3
32   */
33
34   #include "drivers/hitechnic-compass.h"
35
36   // These measurements are in milimeters.
37   #define WHEELDIST 160  // distance between the wheels
38   #define WHEELSIZE 56 // diameter of the wheels
39
40   #define MOTORSPEED 4   // speed at which motors should turn
41
42   // Lets you
43   // the init
44   task timeMe
45     wait1Msec
46     PlaySound
47     while(bSoundActive) EndTimeSlice();
48   }
49
50   // Pulse a big "*" at the bottom of the screen to show that it's
51   // doing something.
52   task showPulse() {
53     while (true) {
54       nxtDisplayCenteredBigTextLine(6, " ");
55       wait1Msec(400);
```

_C Constructs
Battery & Power Control
Bluetooth
Buttons
Datalog
Debug
Display
File Access
Math
Miscellaneous
Motors
MultiRobot
Semaphore
Sensors
Sensors I2C
Sound
Strings
Task Control
Timing
Undefined Entries
User Defined

Program Debug

Debug Status   Refresh

Download Progress

Activity Type
0%

Closing communications link 'NXT-Real'   Cancel

Errors

File "hitechnic-compass-test2.c" compiled on Jul 02 2015 15:34:00

Solution Expl...   Function Libr...

12:54 / 16:26   Скорость 1.0x

Движение по лесенке