Практическая работа № 2. МОДЕЛИРОВАНИЕ ОДНОКАНАЛЬНЫХ БЕСПРИОРИТЕТНЫХ СИСТЕМ В GPSS с очередью.

**Задание 2.**

**Код с TRANSFER BOTH (как в примере 1):**

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SIMULATE

GENERATE 6,3

TRANSFER BOTH,OA1\_PROC,OA2\_PROC

OA1\_PROC SEIZE OA1

ADVANCE 20,5

RELEASE OA1

TRANSFER ,OUT

OA2\_PROC SEIZE OA2

ADVANCE 30,7

RELEASE OA2

OUT TERMINATE 1

START 100

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**Код с GATE NU (самостоятельно):**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SIMULATE

GENERATE 6,3

GATE NU OA1,CHECK\_OA2

SEIZE OA1

ADVANCE 20,5

RELEASE OA1

TRANSFER ,OUT

CHECK\_OA2 GATE NU OA2,OUT

SEIZE OA2

ADVANCE 30,7

RELEASE OA2

OUT TERMINATE 1

START 100

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**Задание 3.**

**Код с GATE SNF (как в примере 2):**

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SIMULATE

MEM STORAGE 3

GENERATE 6,3

GATE SNF MEM,OUT

ENTER MEM

SEIZE DEV

LEAVE MEM

ADVANCE 25,4

RELEASE DEV

OUT TERMINATE 1

START 100

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**Код с TRANSFER (самостоятельно):**

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SIMULATE

MEM STORAGE 3

GENERATE 6,3

ENTER MEM,1

SEIZE DEV

LEAVE MEM,1

ADVANCE 25,4

RELEASE DEV

TERMINATE 1

START 100

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**Задание 4. Сложная система с 5 коммутаторами (Вариант 10).**

SIMULATE

K2 STORAGE 2

K4 STORAGE 3

K5 STORAGE 4

LOST\_COUNT VARIABLE 0

GENERATE 6,3

TRANSFER BOTH,K1\_PROC,K3\_PROC

K1\_PROC SEIZE K1

ADVANCE 20,5

RELEASE K1

TRANSFER ,CHOOSE\_K2\_K4

K3\_PROC SEIZE K3

ADVANCE 25,6

RELEASE K3

TRANSFER ,CHOOSE\_K2\_K4

CHOOSE\_K2\_K4 TRANSFER BOTH,K2\_PROC,K4\_PROC

K2\_PROC ENTER K2,1

ADVANCE 30,7

LEAVE K2,1

TRANSFER ,K5\_PROC

K4\_PROC ENTER K4,1

ADVANCE 25,4

LEAVE K4,1

TRANSFER ,K5\_PROC

K5\_PROC GATE SNF K5,COUNT\_LOST

ENTER K5,1

ADVANCE 35,8

LEAVE K5,1

TERMINATE 1

COUNT\_LOST SAVEVALUE LOST\_COUNT,LOST\_COUNT+1

TERMINATE

GENERATE 1000

TERMINATE 1

START 1