[illegible] [illegible]

[illegible] THE

[illegible]

[illegible]

Communications of the ACM, Vol. 11, No. 5, May 1968, pp. 341-346.
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[illegible]

[illegible]

[illegible]

1. [illegible]
2. [illegible]
3. [illegible]

[illegible]

[illegible]

[illegible]

[illegible] Ph.D. [illegible]

[illegible]

[illegible] EL X8 (N.V. Electrologica, Rijswijk (ZH)). [illegible]

1. [illegible] 2.5 [illegible], 27 [illegible] 32[illegible].
2. [illegible] 512K [illegible], 1024 [illegible] 40 [illegible].
3. [illegible]
4. [illegible]
5. [illegible] (3 [illegible] 1000 [illegible], 3 [illegible] 150 [illegible], 2 [illegible])
6. [illegible]

[illegible]

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]

[illegible] ALGOL 60, [illegible].

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 1958 [illegible]

[illegible] 500 [illegible] 10 [illegible]

[illegible]

[illegible]

[illegible] GIEK ALGOL [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 0 [illegible]

[illegible] 1 [illegible]

[illegible] 2 [illegible]

[illegible] 3 [illegible]

[illegible] 4 [illegible] 5 - [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 0 [illegible]

[illegible]

[illegible] 0 [illegible]

[illegible] 1 [illegible] 0 [illegible] 1 [illegible] 5 [illegible] 2 [illegible] 3 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 0 [illegible] 1 [illegible] *P*-[illegible] *V*-[illegible]

[illegible] "*Q*", [illegible] "*P*(sem)" [illegible] "sem", [illegible] 1. [illegible] *Q* [illegible] *Q* [illegible] *V*-[illegible] *Q* [illegible] 0).

[illegible] "*R*", [illegible] "*V*(sem)" [illegible] "sem", [illegible] 1. [illegible] *V*-[illegible] 0).

[illegible] 1. *[illegible]*

[illegible] 2. *P-[illegible] V-[illegible]*

[illegible] 1. P- [illegible] V-[illegible]

[illegible] 2. [illegible] V-[illegible]

[illegible] 3. [illegible] P-[illegible]

[illegible]

[illegible]

[illegible] "**parbegin**" [illegible] "**parend**"), [illegible]

```
begin semaphore mutex;  mutex := 1;
  parbegin
      begin L1:  P(mutex); [illegible] 1; V(mutex);
          [illegible] 1; go to L1
      end;
      begin L2:  P(mutex); [illegible] 2; V(mutex);
          [illegible] 2; go to L2
     end
  parend
end
```

[illegible] *P*- [illegible] *V*-[illegible] "mutex" [illegible] mutex [illegible] 1, [illegible] -(n-1), [illegible] n [illegible].

[illegible]

[illegible]

[illegible] *P*-[illegible] 0, [illegible] 1, [illegible] -1.

[illegible]

```
P(mutex);
"[illegible],
 [illegible] V([illegible])";
V(mutex);
```

P([illegible]).

[illegible] "*V*([illegible])" - [illegible] 0 [illegible] 1, [illegible] *V*-[illegible]

[illegible]

[illegible]

```
P(mutex);
"[illegible]
[illegible] V-[illegible]";
V(mutex).
```

[illegible]

[illegible] *V*-[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

1. [illegible]
2. [illegible]
3. [illegible] *P* [illegible] *Q*, [illegible] *R*, [illegible] *P*. [illegible] 0), [illegible]

[illegible] [illegible]

ИНФОРМАТИКА И ИНТЕЛЛЕКТУАЛЬНАЯ СОБСТВЕННОСТЬ