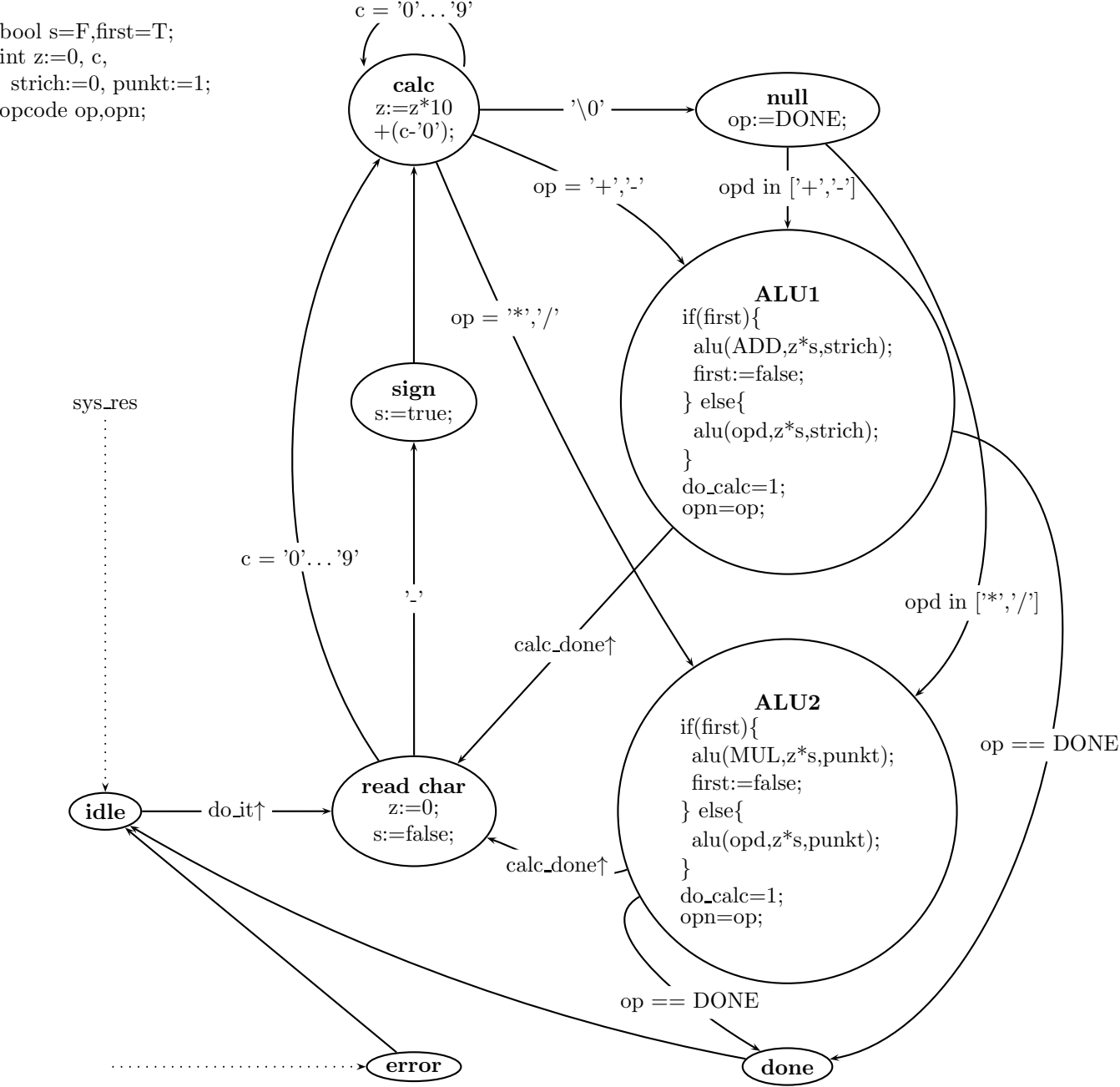
bool s=F,first=T;
int z:=0, c,
strich:=0, punkt:=1;
opcode op,opn;
c = '0'...'9'
calc
z:=z*10
+(c-'0');
'\0'
null
op:=DONE;
op = '+','-'
opd in ['+','-']
ALU1
if(first){
alu(ADD,z*s,strich);
first:=false;
} else{
alu(opd,z*s,strich);
}
do_calc=1;
opn=op;
op = '*','/'
sign
s:=true;
sys_res
c = '0'...'9'
'_'
calc_done↑
opd in ['*','/']
ALU2
if(first){
alu(MUL,z*s,punkt);
first:=false;
} else{
alu(opd,z*s,punkt);
}
do_calc=1;
opn=op;
op == DONE
idle
do_it↑
read char
z:=0;
s:=false;
calc_done↑
op == DONE
error
done