

# Erratum

**B. Simeone**

*Università di Roma, Italy*

**D. de Werra**

*École Polytechnique Fédérale de Lausanne, Switzerland*

**M. Cochand**

*Université de Lausanne, Switzerland*

In “Recognition of a class of unimodular functions”, Discrete Applied Mathematics 29 (1990) 243–250, Fig. 1 must be replaced by the following figure:

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For each  $i$  do
begin
  switch( $i$ ) := undefined
  For each  $T \in \tau$  with  $|T| \geq 3$  and  $i \in T$  do
    begin
       $U := T - i$ 
      if ( $U \notin \tau$ ) then  $s := \text{false}$ 
      else if ( $a_U \cdot a_T < 0$ ) then
        if ( $|a_U| \geq |a_T|$ ) then  $s := \text{true}$ 
        else conflict I ( $f$  not unate)
      else  $s := \text{false}$ 
      if ( $s \neq \text{switch}(i)$ ) then
        if switch( $i$ ) = undefined then switch( $i$ ) :=  $s$ 
        else conflict II ( $f$  not unate)
      end
    if (switch( $i$ )) then
      for each  $B, C \in \tau$  with  $C = B - i$  do
         $a_C := a_C + a_B$ 
         $a_B := -a_B$ 
    end
  Final test:
  if  $a_T \geq 0$  for all  $T \in \tau$  with  $|T| \geq 2$  then  $f$  is unate.

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Fig. 1. Recognition algorithm.