

第56章书面作业参考解答

1. 答:

```
T → array ( 'I', T1 )      { T.code = "10" + T1.code; }
| T 'X' T                  { T.code = "" ; }
| pointer ( 'T1 ' )        { T.code = "01" + T1.code; }
| record ( 'T 'X' T ' )    { T.code = "" ; }
| T(1) '→' T(2)            { T.code = "11" + T(2).code; }
| boolean                  { T.code = "0000" ; }
| char                    { T.code = "0001" ; }
| integer                 { T.code = "0010" ; }
| real                    { T.code = "0011" ; }
| type_error              { T.code = "ERROR" ; }
| void                    { T.code = "" ; }
```

$I \rightarrow \text{num} .. \text{num}$

2. 答:

1. `pointer(array(51..150, real))`
2. `array(-5..5, array(0..127, integer))`
3. `((pointer(char) X char → integer) X array(0..9, pointer(char))) X char → array(0..9, integer)`