



COVERING NOTE

GENERAL SECRETARIAT INTERNATIONAL TELECOMMUNICATION UNION

Subject: Corrigendum 1 (02/2000)

Geneva, 22 April 2002

Recommendation ITU-T G.729 Annex E

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

ITU-T Recommendation G.729 Annex E (09/1998)

Coding of speech at 8 kbit/s using conjugate-structure algebraic-code-excited linear-prediction (CS-ACELP) – Annex E: 11.8 kbit/s CS-ACELP speech coding algorithm

These corrections should be introduced in the ANSI-C source code of G.729 annex E version 1.2 delivered to ITU-T in September 1998. The software included in ITU-T Rec. G.729 Annex E has already been modified accordingly (version 1.3).

- Delete line 224 in `decodere.c` if (`ga_harm != 0`).
- In routine `pst_ltp` (in file `pste.c`), the instruction at line 267 : `gain_plt = MIN_GPLT;` should be replaced by :

```
if (gamma_harm == GAMMA_HARM) gain_plt = MIN_GPLT;  
else {  
    num_gltpl = mult_r(den_gltpl, gamma_harm);  
    num_gltpl = shr(num_gltpl, 1);  
    den_gltpl = shr(den_gltpl, 1);  
    temp = add(den_gltpl, num_gltpl);  
    gain_plt = div_s(den_gltpl, temp);  
}
```