STEORORS de Brill J Stickelberger.

| Note | Steorors de Brill J Steorors de Brill J Stickelberger.

| Note | Steorors de Brill J Steorors de Brill J Stickelberger.

| Note | Steorors de Brill J Stick

| Proposed (Brill) | SSN 
$$\Delta_{K} = (-1)^{C_{2}}$$

| Dem |  $K = Q(X)$  |  $X$  exter affective

|  $Z(X) \subseteq J_{K}$  |  $\Delta(Z(X)) = [J_{K} : Z(X)]^{2} \cdot \Delta_{K}$ 

|  $\Delta(J_{X} : X_{K}) = [J_{K} : Z(X)]^{2} \cdot \Delta_{K}$ 

|  $\Delta(J_{X} : X_{K}) = [J_{K} : Z(X)]^{2} \cdot \Delta_{K}$ 

|  $\Delta(J_{X} : X_{K}) = [J_{K} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

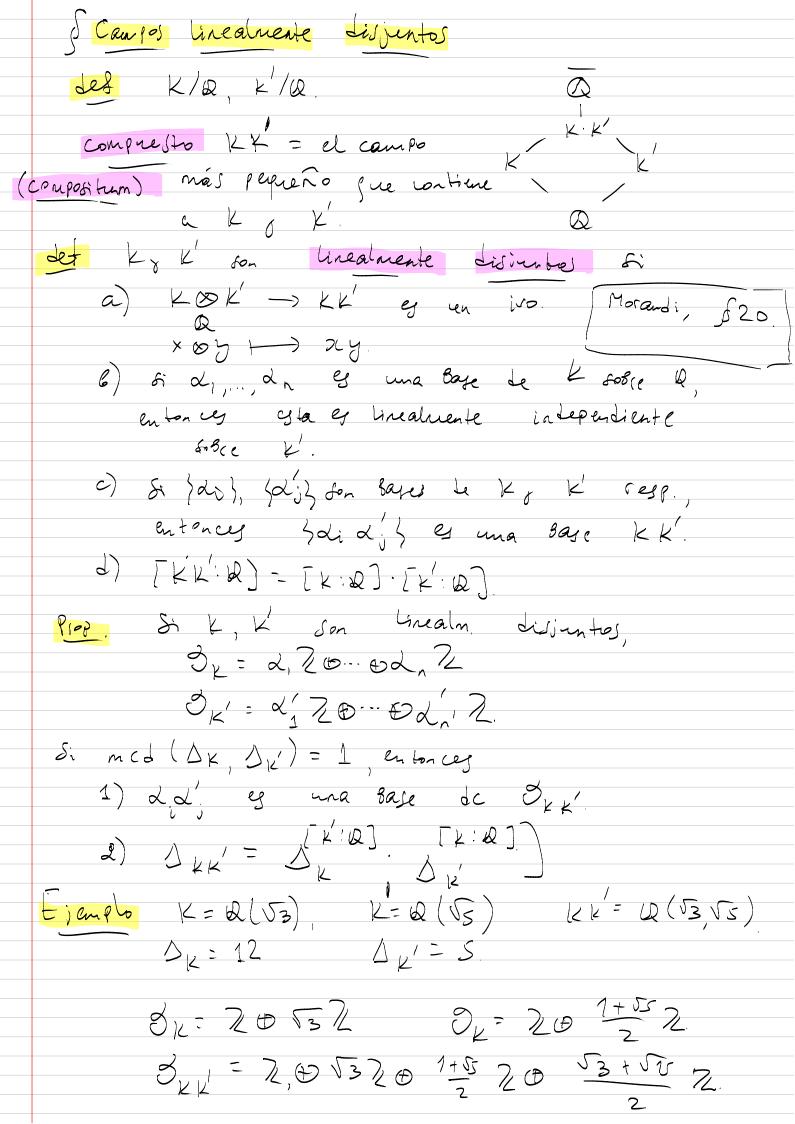
|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J_{X} : X_{K}]^{2} \cdot \Delta_{K}$ 

|  $Z(J_{X} : X_{K}) = [J$ 



$$D_{K} = \frac{1}{2} \cdot \frac{1}{2$$

$$| -\frac{1}{3} = \underbrace{E_{k}}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | (1 - \frac{1}{3})^{k} | = \underbrace{E \cdot P}_{k} | = \underbrace{$$

```
Teorema Para K= Q(3n) tenemos
                           •) D_{12} = 72/3n
•) D_{12} = 72/3n
•) D_{13} = (-1)
• D_{14} = (-1)
                                                                                                         Ti p(n)/(P-1)
Dem Inducción donde n = per... per
508 (e.s.)
                                                                                       ·) 5=1: acasemos de vor
 Q(Y_n) = X_1 \cdots X_s, g(Y_n) = X_1 \cdots X_{s-1}, g(Y_n) = X_1 \cdots X_{s-
                3k,...ks-1 = Z[Se: 1 Ses-1] - por inducción
          3 KS = 2[ Jes] , med ( K, Ks. 1) = 1
            5 Kinks-1 Ks = 2/3 plin - 3 pes-1) - 72/3 pes )
               = Z[S]_{n}
= Z[S]_{n}
= (ejercicio)
= (k_1 \cdot k_{s-1} \cdot Q)
= (k_1 \cdot k_{s-1} \cdot Q)
       Ejampo : K = Q (320) = Q (34). Q (35)
              8 = 2154), 8 = 2535). KI
                       8 = 21320).
                                                                                                                                              \Delta_{k} = \Delta_{k_{1}} \cdot \Delta_{k_{2}} = 2 \cdot 5
```