P151. $f(\overline{z}_1) - 2f(\overline{z}_1) + f(\overline{z}_3) = 4$ $(f(\overline{z}_1) - \frac{18}{5})$ $f(\overline{z}_1) + f(\overline{z}_2) = 4$ = 2 $f(\overline{z}_1) - \frac{2}{5}$ $f(\overline{z}_1) + f(\overline{z}_2) + f(\overline{z}_3) = -2$ $f(\overline{z}_3) = \frac{6}{5}$ -f(z1)+ f(z2)+f(z3)=-2. f(x121+ X21+ x323) = = 18 1 + 7 XL+ 6 x3 2. $f(z_1) + f(z_3) = 1$ $(f(z_1) = 4$ $f(z_1) - z + (z_3) = -1$ $f(z_1) = -7$ f(Z) + f(Z) =-3 f(x121 + x22+ x323) = 4x1-7x1-3x3 Z. f(3) + f(3) = 0. (f(2,1=-1 f(2n) - 2f(2s) = 0 = f(2n) = 2 f(2n) + f(2n) = 0 f(2n) = 1f(Z1) + f(Zz) =0 f(x121+ x22+ x323) = -x1 + 2x2+ x3 h). it veV ま v= kidi + krdz+ k3 d3. 23- f3, 22- f2- f3, 21= f1- f2. V= k, f, + (kr k,) fr + (k)-kr) f3 (3)(/2) V中任意元季均多用局, 局, 局, 居, 是, 月, 月, 月, 月, 手山, du, ds个数相园, 我们, Pu, B是V的一组基.

(2)
$$f'_{3}(f_{3}) = f'_{3}(a_{3}) = 1$$

 $f'_{3}(f_{-}) = f'_{3}(a_{1} - a_{2}) = 0$. $f''_{3}(a_{-}) = 1$
 $f''_{3}(f_{1}) = f''_{3}(a_{1} - a_{2} - a_{3}) = 0$. $f''_{3}(a_{1}) = 0$.
 $f''_{3}(f_{1}) = f''_{3}(a_{2} - a_{3}) = 0$. $f''_{3}(a_{1}) = 0$.
 $f''_{3}(f_{1}) = f''_{3}(a_{2} + a_{3}) = 1$ $f''_{3}(a_{1}) = 1$
 $f''_{3}(f_{1}) = f''_{3}(a_{2} + a_{3}) = 0$. $f''_{3}(a_{1}) = 0$.
 $f''_{3}(f_{1}) = f''_{3}(a_{2} + a_{3}) = 0$. $f''_{3}(a_{1}) = 0$.
 $f''_{3}(f_{1}) = f''_{3}(a_{1} + a_{2} + a_{3}) = 1$. $f''_{3}(a_{1}) = 1$

 $f_1' = f_1$ $f_1 = f_1'$ $f_1 = f_1'$ $f_2' = f_2 - f_1$