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P235. 7. 证明:使用正灰产生公式得中, 2七, 40> 40= 七-21,1> 41-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40= 40-10 40=
                                           42= t2- 2t2,1> - 2t2,41> 91>

\angle t\varphi, -\alpha, \varphi, -b, \varphi_{\circ}, \varphi_{i} \rangle = \angle t\varphi_{i}, \varphi_{i} \rangle - \alpha, \angle \varphi_{i}, \varphi_{i} \rangle

= \angle t\varphi_{i}, \varphi_{i} \rangle - \frac{\langle t\varphi_{i}, \varphi_{i} \rangle}{\langle \varphi_{i}, \varphi_{i} \rangle} \angle \varphi_{i}, \varphi_{i} \rangle = 0

                   < tq, -a,q,-b,q0, 90> = < tq,-b,q0,q0>= < tq,-b,1>= < t(t- < t,1>)-b,1>
            = < +2,1> - < t < t,1> - < t,1 
            1,1>= +0
              ·、ty,-a,y,-b,y。为正灰多吸引且最高次数为2、定于系数为1
                   : 递推公式 42= tq, -a, φ, -b, φ。满足
               定 φο, γ,, φ2··· % Ψη 滿足遊雅公式, 只要证明 x t Ψη - α, Ψη - bα + Ψη - 具有正友性
                  且最高次为1+1其系数为1,即得证递推公式满足1+1,从而选推公式得证。
   <tyn-anyn-bnyn-, \foralln>=<tyn-anyn, \foralln>=<tyn, \foralln>=<tyn, \foralln>=<tyn, \foralln>=<tyn, \foralln>=
            -\frac{\langle t \varphi_n, \varphi_n \rangle}{\langle \varphi_n, \varphi_n \rangle} \langle \varphi_n, \varphi_n \rangle = 0
    :. 递推公利有 tyj = 43+1+ a3 43 +b54j-1 < tyn-anyn-bnyn-, pn->
                         : 海推公太得证
 影解:由己知,得
                               (f(x), P_0(x)) = \int_{-1}^{1} \sin \frac{\pi}{2} x dx = 0 (f(x), P_1(x)) = \int_{-1}^{1} x \sin \frac{\pi}{2} x dx
                        (f(x), P2(x))=[-10(=x2x2-=)smxxdx
                          (f(x), P3(x)) = [ (\frac{1}{5}x^3 - \frac{3}{2}x) sih \frac{3}{5}x dx
         a_0^* = \frac{(f(x), p_0(x))}{a_1^* = \frac{3(f(x), p_1(x))}{2}} \quad a_2^* = \cdots \quad a_3^* = \frac{3(f(x), p_1(x))}{2}
得 Sx*(X)=ao*Po(X)+a,*P,(X)+ax*Ps(X)+ax*Ps(X)
                                                               ≈ 1.5531913x-0.5622285x33
```