Engelberts corrections to Diff. Geometry for Physicists:
any → all (?)

p. 3, 8̲   j→i

6   1̄2̄   v→V.

7   8̲   a→α

8   incorrect formula for cosπ

10   6̄   A̲ᵢ

13   2̄   oⁱ, check oa, det? a⁻¹?

14   6̲   m×m

14   1-4̄   k(σ) instead of a

15   3̄   φ

19   6̄   i_{k+l}

22   1̲   i(n)_l

28   fig   P→p

31   1̲1̲   i,j dx^{i j}

37 :   ES suggests to φ denote φₜ by e^{tu}

38   8̲   c/φ ℓ

66   fig 16   id_u → id_U

67   fig 18   P→p

72   (5)   P₂→P₂

79   solder form , fig u rough ahead,   78 _ 1̲2̲ i.e.?   T̲_e π(u)

81   (ii)   ∇_{fu+gv}

82   3̄   advantages (?)

83   fig 29   Lift → lift

85   identify   H_{c̄(t)}

86   2̄   arcℓ ℓ

87   6̄   v = n+1,..., p

87   8̄   J → F

87   8̲   corr → const

87   2̲   T → T⁻¹
       secon

89    $\underline{12}$ value of d

90    $\underline{8}$ $(k+1)$

93   after (30) $\odot \ell$

98   Exercises $\underline{1}$

98    $\underline{5}$ $a_n \to a^{n-}$. $\cdot$ $\underline{6}$ $= \to :$

103    $\underline{8}$ $\underset{u}{id} (\varphi p)$

104   $\cdot \overline{9}$ $f'(p) = \psi_{s(p)} f(p_1)$

105    $\overline{4}$ corresponds

105    $\underline{11}$ $\underset{\sim}{\Omega^i}$

106    $F_{ij} 7$ substera $\to$ subspace $(2\times)$

109   title non-trivial

113    $v \to \nu$

117    $B^0(M) = 0$

118    $\underline{4}$ $\lim_{t \to \infty}$

120    $\underline{3}$ $od \to of$

124    $\underline{\text{all}}$ connected in Poincaré duality th

143   Morphism of $\underline{principal}$ Bundles

144   Thermodynamics

G. Landi

8      $\omega \wedge \pi \; 2f_y$

pag. 61	line −4	$\begin{pmatrix} z_1 & z_2 \\ -\bar{z}_2 & z_1 \end{pmatrix}$	,	$\begin{pmatrix} z_1 & z_2 \\ -\bar{z}_2 & \bar{z}_1 \end{pmatrix}$	
pag. 60	line +2	$p(q) = p(q')\,)$	,	$p(q) = p(q')$	
pag 71	+15	$\ell(p,q) = (h(p,L),q)$	,	$\ell(p,q) = k(h(p,L),q)$	
95	+13	.... $\omega_{ij} + \omega_{ji} = 0$ ---	,	$\omega_{ij} + \omega_{ji} = dg_{ij}$	
98	+13	$DA' = \rho'_{S^{-1}} DA$	,	$DA' = \rho_{S^{-1}} DA$	?
101	−1	.... $R_{33} = H_{xx} + H_y$ ---	,	--- $R_{33} = H_{xx} + H_{yy}$ ---	
109	−15	$iF = f^*\Omega = f^* d\omega = f(f^*\omega)$--- ,			
		... $= f^* d\omega = d(f^*\omega)$ ----			
90	−1	$\rho: G' \to \mathcal{L}(V)$	,	$\rho': G' \to \mathcal{L}(V)$	
90	−8	... $(y+1)$-form --- ,		$(k+1)$-form	
121	+3	$F^k_i : \Delta^k \to \Delta^{k+1}$ ---,		$F^k_i : \Delta^{k+1} \to \Delta^k$	?
127	+3	--- $A = f^* a$ ---,		$A = f^* \alpha$	

Comments by Eric Goldblatt

1. The statement at the bottom of p.11
   "F(v) has not been defined"
   is not correct. It is defined in the middle
   of p.3, end of the second paragraph.

2. The middle of p.71
       "$\ell(p,q) = h(p,1),q)$ provides..."
   should read "$\ell(p,q) = k(h(p,1),q)$ provides..."

                                                (if you see him)
3. If the book is ever revised, tell Trautman,
   a) The notation T_p introduced on p. 34 is
   nonstandard — just use "d".
   b) On page 50, h' should be defined simply
   as dh
   c) On p. 57, $\psi'_A(m)$ should be replaced by
   $dm(A(e))$, where m is the function
       $m: G \rightarrow M$ defined by $m(g) = gm$.
   and similarly for page 84.