

## Changes

### Sept. 15, 2016

- P. 29, in Sec. 2.3, line 2, change “be adopted” to “also be adopted”.
- P. 29, in Sec. 2.3, line 2, change “from energy” to “using energy”.
- P. 29, in Sec. 2.3, line 3, change “by a” to “by the”.
- P. 29, in Sec. 2.3, lines 4 - 5, change “the sound level decreases when the distance between sound source and the listener becomes large” to “the sound intensity received by a listener decreases when the distance between the sound source and the listener increases”.
- P. 29, in Sec. 2.3, line 5, change “sound level” to “sound intensity”.
- P. 29, in Sec. 2.3, line 7, change “When” to “It is known that when”.
- P. 29, in Sec. 2.3, line 8, delete “it is known that”.
- P. 29, 6 lines above Eq. (2.33), change “Let  $m$  be a number of acoustic sensors” to “Let  $m$  be the number of acoustic sensors involved”.
- P. 29, 5 lines above Eq. (2.33), change “,  $n = 2$  or  $3$ ” to “with  $n = 2$  or  $3$ ”.
- P. 29, 4 lines above Eq. (2.33), change “ $M$ ” to “ $M$ ”.
- P. 29, 3 lines above Eq. (2.33), change “energy and” to “energy, and”.
- P. 29, 1 line above Eq. (2.33), delete “:”.
- P. 29, 1-2 lines below Eq. (2.33), change “source.  $g_i$  is a factor” to “source, and  $g_i$  is a scaling factor”.
- P. 29, 4 lines below Eq. (2.33), change “ $S$  is” to “In (2.33),  $S$  is”.
- P. 29, 5 lines below Eq. (2.33), change “source.  $\alpha$  is” to “source,  $\alpha$  is”.
- P. 29, 6 lines below Eq. (2.33), change “[7].  $\varepsilon_i$  denotes the square of the background” to “[7], and  $\varepsilon_i$  denotes the squared background”.
- P. 29, 7 lines below Eq. (2.33), change “it can be” to “ $\varepsilon_i$  can be”.
- P. 29, 9 lines below Eq. (2.33), change “less that” to “less than”. (?)
- P. 30, 3 lines above Eq. (2.34), change “in [7][9], [26] and its references” to “in [7], [9], [26] and the references therein”.
- P. 30, 2 lines above Eq. (2.34), delete “vector of”.
- P. 30, 1 line above Eq. (2.34), change “my minimizing the quadratic form” to “by solving the minimization problem” (Darya, the objective function in (2.34) looks like a quadratic form, but actually it is not quadratic in  $\theta$ ).
- P. 30, 2 lines below Eq. (2.34), there are two vector norms in  $H$  that didn’t typeset correctly.
- P. 30, 4 - 5 lines below Eq. (2.34), change “Important assumption about (2.34) is that  $\mu_i$  and  $\sigma_i$  are considered known” to “We remark that  $\mu_i$  and  $\sigma_i$  in (2.34) are assumed to be known”.
- P. 30, 7 lines above Eq. (2.35), change “(2.34) is” to “(2.34) involves”.

- P. 30, 3 - 4 lines above Eq. (2.35), change “although there are  $m$  sensors reporting the acousting reading in fact there are  $n + 1 \leq m$  unknowns,” to “there are  $m$  sensors reporting the acoustic readings and there are a total of  $n + 1$  unknowns with  $n + 1 \leq m$ ,”.
- P. 30, 2 lines above Eq. (2.35), change “ $S$  [8]” to “ $S$  from formulation, reference [8]”.
- P. 30, 2 lines above Eq. (2.36), change “a  $n$ -dimensional” to “an  $n$ -dimensional”.
- P. 30, 1 line above Eq. (2.36), delete “:”.
- P. 31, 1 line below Eq. (2.37), change “1 the possible” to “1, the possible”.
- P. 31, 2 lines below Eq. (2.37), change “:” to “, i.e.,”.
- P. 31, 1 line above Eq. (2.38), change “the criterion that is” to “the following criterion which is”.
- P. 31, 1 line below Eq. (2.38), change “notation” to “notation,”.
- P. 31, 1 line above Eq. (2.39a), change “constrained problem that is” to “following constrained problem which is”.
- P. 32, in the last line, change “section” to “Section”.
- P. 34, in [10], change “536554” to “536-544”.
- P. 34, in [10], missing “.” at the end.
- P. 35, in [25], change “1080 ,Nov.” to “1080, Nov.”
- P. 35, in [25], missing “.” at the end.
- P. 35, in [27], change “12911301” to “1291-1301”.
- P. 35, in [28], change “623626” to “623-626”.
- P. 36, reference [35] is incomplete.